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[LYH⁺15]. **accrual** [WRJL06]. **Accuracy** [MKR13, AC08, PSZ12b]. **Accurate** [KCJ⁺16, TKT15, VJD⁺07, VDK⁺08, LM13, LLC⁺13]. **ACDC** [SRG⁺15]. **Achieving** [GHZH14, LPFG13]. **ACM** [BLG⁺15, CJL17]. **acoustic** [PSZ12b]. **acoustic-based** [PSZ12b]. **Action** [KMP15, LFC17]. **Active** [WDY⁺16, SPK⁺12]. **Activity** [HZX15, TLL⁺12, WLWS15, ZRF⁺12, HXZ⁺13, NRL13]. **actor** [FZK⁺10, LLN09, ZL08, RBS⁺10]. **Actor-based** [RBS⁺10]. **actor-oriented** [LLN09]. **Actors** [DPNA16]. **actuation** [PCM12]. **ad** [KDN⁺07]. **ad-hoc** [KDN⁺07]. **AdaFT** [XKK17]. **Adaptable** [SMW⁺17, LB04, MSL13]. **adaptation** [ASTPH10, WYJ⁺14, ZC04b]. **Adaptations** [KRS⁺16]. **Adaptive** [CSW15, CLL16, CAPL11, CCAP12, DAHM16, HHC⁺16a, MALM04, MKD13, MF12, PMPP14, SSH14, TXL⁺12, WLH16, XKK17, ZTRC03, ZLL⁺11, ZSJ12, BO13, CWKH12, CCH13, DEG11, GMOB13, LKW02, TSG10, VSSS13, HBSA04]. **adder** [DBH14]. **Address** [SEB12, CKIR06, HABT11, JKJ⁺10, ZP08]. **Address-Code** [SEB12]. **Addressable** [YCT16]. **Addressing** [YZA13]. **adjusting** [Wu10]. **Advanced** [LAZ⁺16, PJWY12, BCG⁺07, ISTE08, SBF⁺05]. **Affecting** [EVS⁺17]. **affine** [NNS13]. **Against** [KKL⁺16, ARJ11, Geb04]. **agent** [GNR⁺10, PCBW13]. **aggregates** [LXK10]. **aggregation** [HBSA04, LS12]. **aggregators** [WSK14]. **Agnostic** [ZLL⁺11]. **Ahead** [WZH13]. **AIDA** [HBSA04]. **AiDe** [BKMG12]. **Aided** [CD12, LLL14]. **Air** [SHL⁺17]. **Algebraic** [AGS⁺16, MM16]. **Algebraic-Wavelet** [MM16]. **Algorithm** [Ahm13, BRA⁺16, CLS16, KAKSP15, KKD⁺12, MM16, PJWY12, QP15, CCH13, DNNP14, GNS04, LHCK04, LCH⁺08, NBGS09, PMPP14, PL10, TJ10]. **Algorithm/Architecture** [KKD⁺12]. **Algorithmic** [ORA16]. **Algorithms** [AMKA17, GIB⁺12, RN14, SSS11, SGW⁺16, GNW05, HABT11, PBP09a, PBP09b, ZC08]. **Alignment** [GW15]. **all-optical** [KYHY14]. **Allocation** [JLW⁺15, AF14, ABS02, DF14, ESAS14, KK05b, LXX10, LOXL13, NDB09, PAP⁺12, UDB06, ZZZ⁺12, ZLF13]. **Allocator** [YC16]. **alteration** [SKPL10]. **alternative** [ZNS13]. **ambulatory** [WYP⁺10]. **AMS** [WZH13]. **Analysis** [ARJ08, ARP12, AKTM16, BKMG12, BDG⁺15, BB13, CR14, DHKS15, DHL17, DJZ13, FZK⁺10, FMSS15, GWM16, GZZ⁺16, HFA⁺14, LL15, McI13, MHT13, MAGR15, NS16, NBM⁺16, PC14, SRNW16, SR12b, SLE⁺17, TBEP16, WCM⁺16, YGW⁺12, ZLLC15, ZSJ12, AF14, ADI06, AFL13, BAR13c, BGVZ11, BC07, CMV10, CCR⁺14, Cul13, DNNP14, GW08, GT05, GLYY14, HHB⁺12, LLLT08, LLTL09, MEP04, MMR⁺10, SD08, SE10, SHME13, SAMR06, SE07, TM07, VAR13, ZSM13, ZB13]. **Analytic** [WW09]. **analytical** [LM13, WMZY13]. **Analytics** [DLPK16]. **analyzability** [NKP⁺12]. **Analyzable** [CQV⁺13, CD12]. **Analyzing** [BS13b, HKVI05, JZL⁺15, MKD15, PP12, YZ08, YGD⁺17]. **anchors** [CTK⁺13]. **Android** [CSCC17, SZL⁺17, SKK⁺14, STY⁺14]. **Anonymous** [LMW⁺17, SBR⁺15]. **Aperiodic** [DSB17]. **App** [KJKM16]. **appear** [TEC12]. **appearance** [KMB07]. **appliances** [Edi14, GLWM14]. **Application** [BBM15, BO13, CCKM16, CHS15, DASS12, DSXS15, DSW⁺09, HPBL12, KAKSP15, LKW02, LX16, MSCS16, PSZ12a, PÖG⁺13, RC08, SCRY16, TBFR17, WP11, WMLM12, BM13, yCBR05, HBSA04, JHPR13, LLR14, MMR⁺10, NSL11, XWHC06, ZNS13]. **Application-adaptive** [LKW02]. **Application-aware** [BO13]. **Application-Focused** [HPBL12].

application-independent [HBSA04].

Application-Specific

[DASS12, PSZ12a, TBFR17, RC08, WP11, BM13, yCBR05, JHPR13, XWHC06].

Applications

[BJCHA17, CAPL11, ETAV16, KKD⁺12, KCJ⁺16, KMP15, MKD15, MASG15, SLB⁺15, TDD⁺16, TBG⁺17, TP16, UBF⁺16, WH17, ZDZ14, ZSJ12, AMCM06, ABC⁺07, CMV10, CLK13, CD10, CCAP12, Dea06, DKAL05, FO03, GFC⁺10, GHB13, HHB⁺12, IHK04, KVN⁺09, KBDV08, KZH⁺06, LO13, MEP04, MEP08, MAG14, DWCM14, PCK⁺08, QP03, RMM03, SGT⁺13, SJC⁺03, SPP⁺10, UCK⁺09, YG02, YCLV⁺02, ZNS13, ZWY⁺10, ZXS03].

Applied [BGRV15, LCQ⁺13]. **Approach**

[APRC16, ETAV16, LYH⁺15, LLW⁺17, McI13, NBM⁺16, PHG⁺17, WZ12, ZRF⁺12, BvB13, CAP⁺07, CRM14, FZHT13, GNR⁺10, JHPR13, KKH⁺12, LLL14, LM13, MSCJ12, MSS⁺03, OMA⁺13, PB14, ZCS⁺05, ZKKC05]. **Approaches** [FHB⁺17, GWM16, HGL14, LSC14].

Approximation [PC14, NBGS09, ZX08].

Arbiter [CCKM16]. **arbitrary** [LA11].

arbitration [PL10]. **architectural** [VGG⁺13]. **Architecture**

[CHK⁺14a, DASS12, HW17, KKCS16, MCSW12, MSR⁺12, MZG15, SK13, SSS11, TKT15, AP09, AAPN14, BCLN13, Bec09, BO13, CIC⁺08, CIC⁺09, DSW⁺09, GJ13, GDN03, GM03, GLWM14, HPLD09, ISE10, KVK⁺03, KXL10, KYHY14, KGR12, KTT13, LS09, MMSN14, MMD04, PCK⁺08, PBP09a, PBP09b, RDM06, RMD09, SKW⁺07, TKG13, THON12, YFPJ14, ZCK13, ZVL04].

Architecture-Aware [MZG15].

Architectures

[AMKA17, ARDG16, BBB16, BJCHA17, CHS15, CDH⁺16, DSXS15, DLPK16, FSC⁺16, MG15, MKD15, MKAA17, THA⁺12, WSHC14, BP14, BvB13, BMP03, BCG10, CP13a, GMOB13, HG09, IBMK10,

LOG⁺14, LWK⁺10, LXL13, MF13, NB04, PCM12, PDBR08, SBX08, SM13a, ZTD⁺06].

Area [BKMG12, BTL⁺12, GMVV17, KSK13, MCM⁺17, TLL⁺12, WH17, CRM14].

Area-efficient [KSK13]. **Arithmetic**

[LS17, OP06, RGdZS14, TSG10].

arithmetic-level [OP06]. **ARM**

[CYH⁺17, DVC⁺07, SOL⁺16]. **ARM/**

Thumb [CYH⁺17]. **Array**

[FO03, BDP⁺13, WL09]. **arrays** [VSSS13].

Art [Shu15b, WGP04]. **Article** [BLG⁺15].

Artistic [SRY13]. **ASIC**

[AVF⁺09, MCM⁺17, MKAA17].

ASIC-Based [MCM⁺17]. **ASIP** [SKW⁺07].

aspect [DRL⁺10]. **aspect-oriented**

[DRL⁺10]. **Assessment** [HPBL12].

Assignment [AR14, LBS15, MBP14, MF12,

PLM⁺15, RN14, SR12a, SEB12, CKIR06,

HABT11, LO13, MEP08, OOAL06, PL10,

QRB10, ZZZ⁺12]. **assisted**

[CCY⁺13, HLD⁺09, LOG⁺14, WJ17].

Association [GZZ⁺16, YCLV⁺02].

Association-Rule [GZZ⁺16]. **associative**

[LPC⁺07]. **Assume** [STH17].

Assume-Guarantee [STH17].

assumptions [CJMB05]. **ASTROLABE**

[NBM⁺16]. **asymmetric**

[ESAS14, GLWM14]. **Asynchronous**

[GHR15, KW10, KASD07, ZM07].

asynchrony [CW14]. **Attack** [FXP⁺17,

IPL16, LCLW17, PS08a, YGW⁺12].

Attack-Resilient [IPL16].

Attack-tolerant [PS08a]. **Attacks**

[ARP12, DBFH14, ARJ11, Geb04, WGP04].

audio [TKG13]. **Authenticated** [DS11].

Authentication [GMVV17, DLN13, LN04].

Automata [JFK15, SH15, BS13b].

Automated

[CDD⁺07, CFGM15, CI17, FC16, NNS13].

Automatic [BF17, CMK12, GNP06, GGJ12,

HVG13, LLC⁺13, TM15, TFL16, VNK⁺03,

AFG08, BAR13c, IBMK10]. **Automation**

[SVZ13, LCQ⁺13]. **automaton** [TLLL09].

automaton-matching [TLLL09].

Autonomous [Kha13, MM16, WMLM12]. **Auxiliary** [DL12]. **availability** [FF09]. **Available** [KCJ⁺16]. **average** [MLL08]. **avionics** [ABC⁺07, NKP⁺12]. **Avoid** [LJLT17]. **AVR** [LPO⁺17]. **Aware** [BMAB16, CWH⁺16, DAHM16, DHL17, FS13, FMSS15, FC16, GQC⁺17, HDG⁺14, HPP17, HB16, JRSR17, JLW⁺15, JEP16, KKD⁺12, KBS17, KRS⁺16, LYH⁺15, MSR⁺12, MZG15, PSZ12a, SOL⁺16, SXXS⁺16a, TBEP16, TLBM15, WLWS15, WHN⁺17, YC16, ACK⁺13, BMP03, BO13, DKV14, DJS16, FZJ08, GHB13, GGI13, GNR⁺10, HH13, JC03, JP14, KBDV08, KYL13, LO13, LQN⁺13, MSS⁺03, MALM04, MAG14, OMA⁺13, SRS03, YW13, ZC04a, Zhu10, LDV12, SAMR06]. **Awareness** [ZO16]. **Axiom** [TNR17].

B [WKC07]. **B-tree** [WKC07]. **Balance** [JNI15]. **Balancing** [CWJ17, FS13, THA⁺12, Mus10]. **BAND** [BKMG12]. **BAND-AiDe** [BKMG12]. **Bandwidth** [DF14, FBM16]. **bank** [LXL13, SBX08, ZP06]. **Banks** [CI17, MF12]. **BarbequeRTRM** [BMF15]. **Based** [ARDG16, AYS15, BCS16, BSA17, BP12, BSJ15, BRL16, CSCC17, CPC17, CCM17, CDH⁺16, DWRR14, DJZ13, EVS⁺17, FND⁺16, HPBL12, HSMS16, HPO⁺15, HPS13, HW17, JZL⁺15, KAKSP15, KKL⁺16, KCC⁺16, Kwo16, LL15, LPFL16, LZL15, LPO⁺17, MSCS16, MCS⁺15, MCM⁺17, MS13b, MKD15, MKAA17, PYJL15, PJWY12, PGR16, PNRC17, SLB⁺15, SPC⁺16, SCRY16, TBFR17, TNR17, UM13, WWY13, WDY⁺16, WZ12, XHK16, YC12, YLW15, YCT16, ASTPH10, ABS02, BGD14, BD14, BZ13, BFQ10, CCA⁺13, CYKH13, CC13a, CGV10, DEG11, DLN13, FZHT13, GW08, GFC⁺10, GD14, GDN03, HZX⁺14, HPLD09, JKJ⁺10, JMO14, KKO⁺06, KKH⁺12, KGR12, KT14, LCQ⁺13, LPC⁺07, LS13, LLR14, LC17, LHCK04, LLLGR13, LV09, Mus10, NSL11, OMA⁺13, PCK⁺08, PS08b, PW13, PDBR08, PAS⁺09, PSZ12b, PGR⁺08, RS07, SGT⁺13, SCF12, SKH⁺12, SBLM13, SB08, SC05, TXL⁺12, VJD⁺07]. **based** [VDK⁺08, WSK14, YRF10, ZKKC05, ZLF13, ETAV16, GZZ⁺16, FS14, RBS⁺10, RSB⁺09, ZBCM09]. **Based0** [MASG15]. **basis** [RMH04a]. **Battery** [AKTM16, KCJ⁺16, RV03, ZSM13]. **Battery-Less** [AKTM16]. **battery-powered** [RV03]. **battery-supported** [ZSM13]. **Batteryless** [HTR⁺16]. **Be** [Val17, GT05]. **beamforming** [TKG13]. **BeepBeep** [PSZ12b]. **Behavior** [JC12, NS17]. **Belief** [HLLL12]. **Benchmark** [MCSW12]. **Benchmarked** [MKAA17]. **Benders** [ETAV16]. **benefits** [BAR13b]. **Berkeley** [SVP05]. **best** [MAG14, SRM⁺13]. **best-effort** [MAG14]. **Between** [DPNA16, NNH⁺14]. **Beyond** [KMB07, SRNW16]. **Bicriteria** [MG15]. **Big** [APRC16, CJL17, PNRC17, Shu15a, Shu16c]. **big.LITTLE** [HTC⁺16]. **Bilinear** [YLW15]. **Binaries** [CYH⁺17]. **Binary** [CL13, CYH⁺17, MBR15, BCDH12, RMH04a]. **biology** [LHM14]. **biopotential** [CNC13]. **Bit** [JNI15, LPO⁺17, GJ13, KG05]. **Bit-Density** [JNI15]. **bitwidth** [ONG08]. **Black** [SOL⁺16]. **Blind** [LCLW17]. **blinding** [KHHH14]. **Block** [FXP⁺17, LCLW17, Shu16a, Shu17b, TFL16]. **Blocking** [ZC04a, DW10]. **Blocking-aware** [ZC04a]. **Blockwise** [LYY⁺17]. **Bluetooth** [LLL14]. **Board** [CPP⁺17, CGV10]. **Body** [BKMG12, BTL⁺12, GGJ12, PP12, TLL⁺12, ZLL⁺11, LHX⁺14, QRB10, WYP⁺10]. **Boosting** [CMV10]. **BORPH** [SB08]. **Bottleneck** [Ahm13]. **bound** [ZX08]. **Bounded** [AFMT17]. **Bounded-Rate** [AFMT17]. **Bounding** [WZ12]. **bounds** [LA11, NNS13, RM10]. **Box** [SOL⁺16].

Branch [QZXO14, DNNP14, PO05, ZA07]. **branch-and-prune** [DNNP14]. **Branching** [KMP15]. **breadcrumb** [LHX+14]. **Breast** [PCC17, CCC+14]. **Brief** [BLG+15]. **Broadcast** [GMVV17, PGR16, DLN13, LN04]. **Broadcast-Free** [PGR16]. **Broken** [PL13]. **Buffer** [CSW15, DP08, WBS10, CH10, LPC+07, LWB13, LO13, PMPP14]. **buffer-based** [LPC+07]. **Buffering** [HC16]. **buffers** [IHK04]. **Building** [AEF+14, PL13]. **burstiness** [MRY+10]. **bus** [BD14, LLC+13, PDBR08, PL10]. **bus-based** [BD14, PDBR08]. **buses** [SAYN09]. **bypass** [JHPR13]. **Byte** [YCT16]. **Byte-Addressable** [YCT16].

C [Gar05, LL15]. **Cache** [AB15, BHD15, CHK+14a, CR14, Cul13, CMP17, GWZ16, JLW+15, Kwo16, LPB06, NS16, NS17, QZXO14, RP10, SRG+15, WMGR12, ZW17, BGD14, BP05, BO13, GRVD12, GLYY14, HKVI05, KVK+03, LKW02, RG13, SE07, VLX07, WAD14, ZVL04, ZVN05, ZKKC05, ZTRC03, UAK+03]. **Cache-Based** [Kwo16]. **Cache-Partitioned** [GWZ16]. **Cache-Related** [CR14]. **Caches** [CR14, KJK+17, KRS+16, SMR15, GRCV03, LM13, TM07, YZ08, YFPJ14]. **caching** [GGI13, UAK+03]. **calculation** [ZHCY13]. **calculations** [VLX07]. **Calculi** [BGRV15]. **Calculus** [SCG15]. **Calibration** [WJ17, TXL+12]. **Call** [SN10]. **calls** [KMB07, KASD07]. **CAM** [DEG11]. **camera** [BDP+13, SCF12]. **camera-based** [SCF12]. **cameras** [DZR09, LWK+10]. **CAN** [GMVV17, SKH+12]. **Cancer** [PCC17, CCC+14]. **CAPA'08** [PBP09a, PBP09b]. **CAPA'09** [Pla12]. **capable** [PMM+13]. **capacity** [WBS10]. **Captured** [CMP17]. **car** [SCF12]. **Card** [SCRY16]. **Cards** [BSJ15]. **care** [BDP+13]. **Carnegie** [KCG+05]. **carrier** [AAPN14]. **Carry** [GWM16]. **Case** [NS16, WZ12, DEG11, KT14, LHM14, MSS+03, SKW+07, SPK+12, VJD+07, VDK+08, WEE+08, YZ08]. **Cash** [SBR+15]. **Causality** [ZL08]. **causing** [LLP+17]. **CCATB** [PDBR08]. **CDMA** [PGR16]. **CDMA-Based** [PGR16]. **Cell** [JNI15, SPK+12, HLLL12]. **center** [BDP+13]. **Centric** [HTC+16, LLLT08, LLLT09]. **Certificates** [BP12]. **CéU** [SIR+17]. **CGRAs** [KKL+16, PJS15]. **Chains** [Shu16a, Shu17b, SWL07]. **Chains-Risks** [Shu17b]. **Challenges** [RRM16, DPP14, HKP08, RRRKH04]. **Challenging** [GLYY14]. **Chambolle** [BRA+16]. **Channel** [BTL+12, GW15, GWM16, MM16, CW14]. **Channels** [GAG15]. **characterizing** [SBLM13]. **Checking** [WZ12, CJMB05, Sch10, ZS05]. **checks** [BCS+06]. **Chip** [CPC17, DLPK16, DJS16, FC16, GIB+12, MST+16, PSZ12a, PRK15, PGR16, WRKG16, AKB14, BP14, BGD14, BD14, CP13a, CHK14b, LJ14, GMOB13, GNR+10, HXZ+13, HQB06, Hüb13, ISTE08, KYHY14, KGR12, LQN+13, PL10, PS10, SRM+13, SJRS+13b, SJC+03, SAYN09, TSBY13, VNK+03, WYJ+14, WMZY13, XWHC06, YFPJ14, YZA13, SSS11]. **chip-multiprocessor** [PS10]. **chip-multiprocessors** [BD14]. **Chips** [LX12, PL13]. **Cipher** [FXP+17]. **Ciphers** [KPC+16, LCLW17]. **Circuit** [MCSW12, LLL14, ZBCM09]. **Circuits** [LEPP13, SBLM13]. **class** [BCLN13, WBF+06]. **Classes** [LLN09]. **Classification** [SRA12, LCH+08]. **classifier** [SM13a]. **Classifiers** [ORA16]. **Classifying** [TKD07]. **Clients** [GAG15]. **Clocks** [HTR+16]. **Closed** [DEG11]. **Closed-loop** [DEG11]. **Cloud** [GQC+17, LMW+17]. **Clustered** [BSA17, DS11, BvB13]. **Clustering** [LYY+17]. **CMP** [FS14]. **Co** [MBR15, TBG+17, JBN+13, ST05].

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KJRG13, LEPP13, LMW⁺17, LV09, MFG16,

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BFQ10, CYKH13, CMS08, CCB⁺06, DPP14,

DDG⁺13, DBH14, GLC07, GNR⁺10, HQB07,

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LLN09, LM13, LHM14, MSCJ12, MBFSV07,

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PNRC17, QZXO14, SL16, SKPL10, TBEP16,

UDB06, WMGR12, YGW⁺¹², ZRF⁺¹²,

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BCDH12, CRJ10, CLR05, FZHT13, FZJ08,

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Editorial

[BBM15, BE10, Bur05, CS16, CJL17, DPP14,

EE16, FGIS12, FX17, HKP08, IT16, LB04,

LP09a, MCP17, NKS12, DWCM14, PS14, Pla12, RRM16, Shu14a, Shu14b, Shu15a, Shu15b, Shu15c, Shu15d, Shu16a, Shu16b, Shu16c, Shu16d, Shu17a, Shu17b, Shu17c, VP16, WX17, ZQC16, Gup04, JM06, PBP09a, PBP09b, Sch07, SL04, ST05, Wha07].

Editors [HM17]. **education**

[KCG⁺⁰⁵, SVP05, SBF⁺⁰⁵]. **EEG**

[CNC13, MM16]. **Effective**

[BMF15, BLG⁺¹⁵, CJL17, GLT⁺¹³, Mus10].

Effects [DJO12]. **Efficiency** [CRCR13, PC14, THA⁺¹², KVK⁺⁰³, LPFG13, SWL07, SJRS^{+13b}, SKPL10, SM13b, TVK08].

Efficient

[APRC16, CHK^{+14a}, CTK⁺¹³, CI17, CGV10, DLPK16, GQC⁺¹⁷, KW10, KCC⁺¹⁶, KASD07, LS12, LL17, LX16, LWHS17, LMW⁺¹⁷, LFC17, LBS15, MSR⁺¹², NSL11, NWA12, PCM⁺¹⁵, PGS⁺¹³, PLM⁺¹⁵, PNRC17, RMH04a, SLB⁺¹⁵, SPC⁺¹⁶, TLL⁺¹², TBDdD11, TKT15, BCLN13, CAP⁺⁰⁷, yCBR05, DLC⁺¹⁴, ESAS14, FZK⁺¹⁰, HE12, HQB06, JGD⁺⁰⁹, KSK13, LAN06, LK10, PO05, QH07, RGSS04, RP10, RMD09, SKW⁺⁰⁷, SJRS^{+13a}, SAYN09, UAK⁺⁰³, WRJL06, WKC07, ZMB03, ZTRC03, ZP08, ZP07, ZC08, KMB07, CH10].

Effort [CRCR13, MAG14, SRM⁺¹³]. **elder** [BDP⁺¹³]. **elder-care** [BDP⁺¹³]. **elements** [HVG13]. **Eliminating** [RRW05].

Elimination [FND⁺¹⁶]. **Elliptic**

[LWHS17, WPW⁺⁰⁴]. **Elon** [DLC⁺¹⁴].

Embedded [AB15, BD14, BLG⁺¹⁵, BP12, BJCHA17, CS16, CKGN14, CJL17, CCC⁺¹⁷, CLS16, CFX17, CQB⁺¹⁵, DAHM16, DLH16, DBFH14, DQ14, DJS16, GLP⁺¹¹, Goe14, IPEP12, JRR16, JLW⁺¹⁵, JEP16, KE15, KML13, KSP⁺¹², KM13, LDV12, LS12, LWHS17, LLZ⁺¹⁷, MCP17, OBSO16, PXY⁺¹⁷, PCM⁺¹⁵, Pau14, PqBM⁺¹⁵, QZXO14, RRM16, RHG⁺¹⁴, SLB⁺¹⁵, SOG15, Shu14a, Shu14b, Shu15a, Shu15d, Shu16a, Shu16c, Shu16d, SLE⁺¹⁷, SVZ13, TDD⁺¹⁶, TSP15, TBDdD11,

TKL⁺¹⁵, VP16, WDY⁺¹⁶, WXY⁺¹⁷, WX17, YGD⁺¹⁷, ZDZ14, ZQC16, ARJ08, ARJ11, ASTPH10, ABS02, AEF⁺¹⁴, BYD09, BCDH12, BP05, BE10, BMP03, BMM13, BCS⁺⁰⁶, BMS13, BFQ10, BS13b, CMV10, CSVA⁺⁰⁵, CKL04, CC13a, CSK⁺⁰², yCBR05, CRJ10, CGV10, CVG⁺¹³, DKV14, Dea06, DKAL05, DZR09, DRL⁺¹⁰, ESAS14, FRRJ07, Geb04, Geb06, GGGK08, GNP06, GRCV03, GT05, GGI13, GM03, Gup04].

embedded

[GKW08, HCK⁺⁰⁸, HG09, HFG13, HTLC10, HLD⁺⁰⁹, HXZ⁺¹³, HZX⁺¹⁴, HQB06, HQB07, HKLH05, JC03, JGD⁺⁰⁹, JKH⁺¹³, JHPR13, KVN⁺⁰⁹, KST⁺¹², KBCL13, KCG⁺⁰⁵, KASD07, KD08, KGR12, LB04, LSK⁺⁰⁸, LS13, LOG⁺¹⁴, LP09a, LCJ13, LOXL13, LHM14, MBFSV07, MSB08, MSL13, NRL13, DWCM14, NDB09, NPP13, PCM12, PLKH08, PK13, PAS⁺⁰⁹, PO05, PEP05, RP03, RP11, RV03, RRKH04, RP10, RSB⁺⁰⁹, SVP05, SWL07, Sch07, SAHE04, SMG04, SL04, Sev05, SJC⁺⁰³, ST05, STW13, SVN04, SGDP12, SBF⁺⁰⁵, TRJ05, TSWL10, TSG10, TVK08, TLLL09, UAK⁺⁰³, VAHC⁺⁰⁶, VS05, VHB⁺¹³, WTSR13, WMT12, WPW⁺⁰⁴, WRJL06, Wu10, WMZY13, XQ07, YDLC10b, ZCS⁺⁰⁵, ZC04b, ZVL04, ZVN05, ZB13, ZMB03, ZP08, ZP09, ZM07, Zhu10, ZP06, ZP07, DEG11, HKP08].

embedded-system [BE10].

embedded/multimedia [UAK⁺⁰³].

Embedding [HHB⁺¹², SWWY13].

emergency [KLC⁺¹⁰, WYS⁺¹³].

Emerging [ZQC16, SRY13]. **EMG**

[WGP13]. **Emulator** [MZG14, WT15].

enabled [RC08, UAK⁺⁰³]. **Enabling**

[BCDH12, DLC⁺¹⁴, JRR16, SJRS^{+13b}].

Encoder [FS13]. **Encoder/Decoder**

[FS13]. **encoding**

[SAYN09, THON12, LDV12]. **Encryption**

[VOG15, SKW⁺⁰⁷]. **Endomicroscopy**

[CLS16]. **Energy** [AKTM16, ABC⁺¹⁷, BCLN13, BMAB16, BSA17, BMP03,

CHK^{+14a}, CHK14b, DKV14, DAHM16, DJO12, DLPK16, ESAS14, FRRJ07, FS13, FBM16, HPBL12, HDG⁺¹⁴, HB16, HQB06, JRSR17, KE15, KBDV08, KNL12, LDV12, LS12, MLL⁺¹⁷, MSR⁺¹², PC14, PCM⁺¹⁵, PLM⁺¹⁵, QH07, RGSS04, RV03, RV07, SPC⁺¹⁶, SVN04, SAYN09, TRJ05, TLL⁺¹², WRJL06, YCT16, YW13, ZO16, ZC08, BZ13, BBL09, CAP⁺⁰⁷, CSK⁺⁰², CLK13, FZJ08, GNW05, Geb06, GGI13, GHZH14, HE12, HLD⁺⁰⁹, KKC⁺⁰⁵, KHZS07, KVK⁺⁰³, KAK05, KDN⁺⁰⁷, LSK⁺⁰⁸, LK10, LWB13, LPFG13, LOXL13, MRY⁺¹⁰, MKD13, PAP⁺¹², RP10, RMM03, SRS03, SKPL10, SJC⁺⁰³, SM13b, SC05, TTAG14, TVK08, UAK⁺⁰³, YK03, ZVN05, ZKKC05, ZTD⁺⁰⁶, ZA07, ZX08, ZP08, Zhu10, CH10]. **Energy-** [FS13]. **Energy-Aware** [BMAB16, DAHM16, HB16, JRSR17, BMP03, DKV14, KBDV08, YW13, FZJ08, GGI13, SRS03]. **Energy-Efficient** [CHK^{+14a}, DLPK16, LS12, MSR⁺¹², PCM⁺¹⁵, PLM⁺¹⁵, SPC⁺¹⁶, TLL⁺¹², BCLN13, ESAS14, HQB06, SAYN09, WRJL06, ZC08, CAP⁺⁰⁷, HE12, LK10, RP10, ZP08, CH10]. **Energy-Fidelity** [HPBL12]. **Energy-Harvesting** [ABC⁺¹⁷, GHZH14]. **energy-optimal** [SC05, YK03]. **Energy-optimizing** [FRRJ07]. **energy-synchronized** [GHZH14]. **Energy/QoS** [LDV12]. **ENFFiS** [PK13]. **Enforcing** [WY13]. **engine** [TSWL10]. **Engineering** [PL13, YGW⁺¹², DRL⁺¹⁰, Sev05, SBF⁺⁰⁵]. **enhanced** [PK13]. **Enhancement** [CCC⁺¹⁷, PRK15, CYKH13, HL14, KD08]. **Enhancing** [CLK13, OFA⁺¹⁵, KK05a]. **Environment** [AARJ12, BRL16, RHG⁺¹², TSY⁺¹⁶, CSK⁺⁰², DDG⁺¹³, HT06, SB08, WCJ07, WTSR13]. **environmentally** [LAHS06]. **environments** [WP11]. **EnviroSuite** [LAHS06]. **epileptic** [MVS⁺¹³]. **equation** [HVG13]. **Error** [FND⁺¹⁶, KKD⁺¹², LJLT17, SK13, TP16, YC12, HLD⁺⁰⁹, LDV12]. **Error-Aware** [KKD⁺¹², LDV12]. **Errors** [KKL⁺¹⁶, KJK⁺¹⁷, LLP⁺¹⁷, WCM⁺¹⁶, YZA13]. **ES-IMS** [KBCL13]. **Escape** [SLE⁺¹⁷]. **ESL** [SOL⁺¹⁶, WMLA16]. **Essential** [ZW13]. **Establishment** [DL12]. **ESTEREL** [TdS05, YKK⁺¹³]. **Estimating** [OBSO16]. **Estimation** [PJWY12, RHG⁺¹², SOL⁺¹⁶, TKT15, KKC⁺⁰⁵, KS13, LSC14, MSL13, ÖNG08]. **ESTIMedia'08** [BCEP12]. **ESTIMedia'09** [PCB12]. **ESTIMedia'10** [Edi13]. **ESTIMedia'11** [CC14]. **ESTIMedia'12** [CP13b]. **ESTIMedia'13** [PS14]. **ESWEEK** [EE16]. **Evaluating** [HABT11, MMS06, SCS16]. **Evaluation** [BHET04, FHB⁺¹⁷, HHC^{+16b}, MCSW12, RG14, SMG04, SSS11, WT15, CLR05, HGL14, KJRG13, LSC14]. **Evenly** [LC17]. **Event** [HHC^{+16b}, JZL⁺¹⁵, KL13, MV16, MBLA16, NDZ13, KW10]. **Event-Based** [JZL⁺¹⁵]. **Events** [ZH12a]. **everyone** [Shu14a]. **everywhere** [Shu14a]. **Evolution** [SVZ13]. **evolutionary** [HMM04]. **Evolve** [RRM16]. **Exact** [YLW15]. **exascale** [DBH14]. **executables** [DVC⁺⁰⁷]. **Execution** [AARJ12, EVS⁺¹⁷, MCM⁺¹⁷, MZG15, MBLA16, REPL15, RKK15, WZ12, HG09, MEP04, WEE⁺⁰⁸, YZ08]. **Execution-Time** [EVS⁺¹⁷, WEE⁺⁰⁸]. **executions** [LES14]. **Exotasks** [ABI⁺⁰⁹]. **expansion** [BYD09]. **Experiences** [WYS⁺¹³, CLK13, CMP⁺⁰⁷]. **Experiment** [TSY⁺¹⁶]. **Experimental** [BHET04]. **Explicit** [WAD14]. **exploitation** [KVN⁺⁰⁹]. **Exploiting** [CFGM15, FS14, HE12, HC16, PXY⁺¹⁷, SK13, SWWW17, ZM07, CLK13, GFC⁺¹⁰, ZA07]. **Exploration** [BCS16, CDH⁺¹⁶, FSC⁺¹⁶, KAKSP15, OFA⁺¹⁵, PSZ12a, SLB⁺¹⁵, SXXS^{+16b}, WSHC14, BFQ10, CIC⁺⁰⁸, CIC⁺⁰⁹, GDN03, JBN⁺¹³, KGR12, LM13, MPZS13, OP06, PDBR08, SKW⁺⁰⁷, YCLV⁺⁰²]. **Explore** [CAP15]. **Exploring** [DJO12, IFA⁺¹⁶, WSK14]. **exposing**

[SWL07]. **Extended** [LDV12, WSHC14]. **Extending** [OFA⁺15]. **extension** [MBFT09, RMH04a]. **Extractor** [XHK16]. **Extremely** [CJL17].

Factored [JFK15]. **Fails** [SZL⁺17]. **Failure** [BV15]. **failures** [CRAJ10]. **fair** [RGSS04]. **Fairness** [GHKS15, CJMB05]. **Falsification** [AFS⁺13]. **Family** [MFG16]. **Fast** [CSCC17, CHS15, NS16, PDBR08, YCNCC11, BWS14, LM13, LHCK04, TLLL09, VJD⁺07, VDK⁺08, SAMR06]. **Fault** [AMKA17, BHD15, CPC17, DSB17, FXP⁺17, IPEP12, LCLW17, MCP17, MKAA17, MAGR15, NDZ13, SSH14, XKK17, YGD⁺17, AFG08, BGD14, CMV10, JGD⁺09, RMH04b, SHME13, ZC04b]. **fault-tolerance** [AFG08]. **Fault-Tolerant** [BHD15, CPC17, DSB17, IPEP12, MCP17, SSH14, BGD14, JGD⁺09, RMH04b]. **Faults** [EVS⁺17, VS08]. **FE** [XHK16]. **FE-SViT** [XHK16]. **Feasibility** [SGW⁺16, YRF10]. **feasible** [LA11, RM10]. **Federated** [TSY⁺16]. **feedback** [KT14, ZM07]. **Fence** [Shu16b]. **Fencing** [FND⁺16]. **Fiat** [VS08]. **Fidelity** [HPBL12]. **FIDES** [ISTE08]. **Field** [NWA12, Shu16b]. **fields** [RMH04a, RMH04b]. **FIFO** [GNW05, TBG⁺17]. **File** [CCC⁺17, KSP⁺12, OBSO16, CWKH12, LS13, PK13]. **file-system-oriented** [CWKH12]. **filling** [BSKB⁺09]. **filter** [CMS08]. **Filtering** [UM13, MSH⁺14, TSG10]. **filters** [CC13b, FF09]. **final** [GGGK08]. **Fingerprints** [TM15]. **Finite** [CHS15, DQ14, NWA12, RMH04b]. **Finite-State-Machine** [CHS15]. **Firmware** [McI13]. **Fix** [DLV16]. **Fixed** [DBM⁺15, DHL17, WHN⁺17, AC08, DF14, LA11, QH07, YK03]. **fixed-point** [AC08]. **Fixed-Priority** [DHL17, LA11, QH07, YK03]. **fixed-priority-scheduled** [DF14]. **Flash** [BDG⁺15, CSCC17, JNI15, KKK⁺11, KSP⁺12, Kwo16, OBSO16, SWJ⁺13, WC16, CH10, CKL04, CWKH12, CYKH13, LPC⁺07, PCK⁺08, PK13, WKC07, Wu10, JKJ⁺10]. **Flash-Based** [CSCC17, PCK⁺08]. **flash-memory** [CKL04, CWKH12, CYKH13, WKC07]. **FlashLight** [KSP⁺12]. **Flaws** [SZL⁺17]. **flexibility** [WSK14]. **Flexible** [BHD15, CC13b, MTL14, ZW10]. **FlexRay** [SKH⁺12, TBEP16]. **FlexWAFE** [DSW⁺09]. **floating** [AC08, DBH14, LYL13]. **floating-** [AC08]. **Flow** [DHL17, SPC⁺16, VAHC⁺06, CC13a, LMST04, PGR⁺08, RI04, TBG⁺13, WYJ⁺14]. **Fluid** [ARS16]. **Fly** [UM13]. **FMSs** [HPS13]. **Focused** [HPBL12]. **footprint** [CDD⁺07, HFG13, PLKH08]. **Forensics** [CFXY17]. **ForEVeR** [PB14]. **Fork** [SGW⁺16]. **Fork-Join** [SGW⁺16]. **Formal** [BGVZ11, CD10, GDA13, MS13b, Mos13, SVZ13, TBFR17, CCB⁺06, HHB⁺12, KST⁺12, PB14, RBS⁺10]. **formalism** [Gar05]. **Formalization** [MHT13]. **Formalized** [LFC17]. **Format** [CPP⁺17]. **Format-Independent** [CPP⁺17]. **FPGA** [AMKA17, BSKB⁺09, BRA⁺16, CCA⁺13, CCC⁺14, CHS15, CDH⁺16, GZZ⁺16, HPLD09, HW17, LSC14, LS17, MMSN14, MCSW12, MCM⁺17, SB08, SM13a, WL09, ZBCM09, ZHCY13]. **FPGA-** [MCM⁺17]. **FPGA-Based** [GZZ⁺16, HW17, CCA⁺13, HPLD09, SB08]. **FPGAs** [DSW⁺09, HVG13, KJRG13, OFA⁺15, PGS⁺13, PAS⁺09, SWWW17, WGP04]. **FRAM** [JRSR17]. **frame** [PEP05, SGT⁺13]. **frame-based** [SGT⁺13]. **frames** [NPP13]. **Framework** [BMF15, DSXS⁺14, GLP⁺11, HFA⁺14, KCWH14, KPC⁺16, LKH16, MWF⁺16, PRK15, SL16, SSH14, SYC⁺17, SXXS⁺16a, SXXS⁺16b, SRA12, XHK16, XKK17, ARJ11, BWS14, CCR⁺14, DZR09, FZJ08, KKO⁺06, KGR12, LSK⁺08, LAHS06, PO05, RDM06, SJRS⁺13a, SL08, STY⁺14,

SGDP12, UAK⁺03, ZW10]. **Free** [CQB⁺15, MFMA17, PGR16, CRJ10, HHB⁺05, LES14, RP10, ZCK13].

Frequency [PC14, SOL⁺16, YGW⁺12, SAMR06].

Frequency-Aware [SOL⁺16, SAMR06].

Frequent [YG02]. **Friendly** [ORA16].

Front [CAP15]. **fsync** [CSCC17]. **FTL** [CWKH12, JKJ⁺10, PCK⁺08]. **fuel** [SPK⁺12]. **fully** [LPC⁺07].

fully-associative [LPC⁺07]. **Function** [KBS17, SWWY13]. **Function-Level** [KBS17]. **Functional** [CPP⁺17, Fra12, KM09, AKB14, GD14].

functionality [PB14]. **Functions** [MFMA17, ZWH⁺16]. **Fusing** [MS13a].

Fusion [APRC16, IPL16, LLW⁺17, TXL⁺12].

fusion-based [TXL⁺12]. **Future** [AYS15, HKP08, SM13b]. **Fuzzy** [XHK16, LLLGR13]. **fuzzy-logic-based** [LLLGR13].

gains [BZ13]. **gait** [VAR13]. **Game** [SR12b, WDY⁺16]. **Game-Theoretic** [SR12b]. **Game-Theory-Based** [WDY⁺16].

Gana [ZCK13]. **Garbage** [CLL16, CKL04, CW14, CSK⁺02, DKAL05, SP10].

garbage-collection [CW14]. **gateway** [SKH⁺12]. **GDB** [MZG14]. **general** [GKW08, HVG13, MTL14].

general-purpose [GKW08]. **Generating** [BP12]. **Generation** [CMK12, EK12, HYY⁺15, LFC17, MCSW12, MZG14, ISTE08, ISE10, IBMK10, KM09, LLC⁺13, NNS13, SRY13, TBG⁺13].

Generators [MFG16]. **Generic** [BGRV15].

GENESIS [DSXS15]. **Genetic** [Ahm13].

Getaway [SLE⁺17]. **GIS** [MBB⁺15].

Givens [SPC⁺16]. **Global** [DBM⁺15, DHL17, PYJL15, BMM13]. **goal** [SGDP12]. **goal-oriented** [SGDP12]. **Good** [AR14, MASG15, Shu16a]. **Goppa** [MBR15].

Governing [HTC⁺16]. **GPU** [CCC⁺14, LJ14, YW13, YC16, ZXCH13].

GPU-like [LJ14]. **GPU-optimized** [ZXCH13]. **GPURpc** [IFA⁺16]. **GPUs** [IFA⁺16, LL17]. **graceful** [RGdZS14].

graduate [CSVA⁺05]. **grained** [VNK⁺03].

Graph [DLPK16, HPS13, SGW⁺16].

graphical [LCQ⁺13]. **Graphs** [DHKS15, KAKSP15, MG15, MBLA16, FZHT13, LXX10, TBG⁺13, WBS10].

Grazing [Shu16b]. **Greedy** [CLL16, WMT12]. **Grid** [TSY⁺16, SGDP12].

Group [TNR17]. **Groups** [BMF15]. **GSFAP** [TSG10].

Guarantee [STH17]. **Guaranteed** [LLT⁺17, TBCB15]. **guarantees** [KT14].

Guest [BBM15, CS16, CJL17, EE16, FX17, Gup04, IT16, JM06, MCP17, PBP09a, PBP09b, RRM16, Sch07, SL04, ST05, Wha07, WX17, ZQC16, HM17].

Guidelines [CSVA⁺05]. **GUSTO** [IBMK10].

H.264 [SHME13]. **Hack** [DLV16]. **Half** [SWJ⁺13]. **Half-Wits** [SWJ⁺13]. **handheld** [CHCC13]. **handler** [LP10]. **handling** [KW10]. **Hard** [CQB⁺15, HFA⁺14, SLCS16, UBF⁺16, CRM14, PMM⁺13, SRM⁺13, SC05, YK03, ZZZ⁺12]. **Hardness** [SGW⁺16].

Hardware [BJCHA17, BRL16, CAP15, GIA11, HT06, KE15, LX12, MWS15, MCS⁺15, ORA16, PRK15, PCM⁺15, SKKR11, TSY⁺16, TKT15, UM13, VGG⁺13, WCJ07, WRB15, ARJ08, CCB⁺06, JM06, KTT13, LOG⁺14, NSL11, OP06, PZ12, PBP09b, RP11, RI04, SMG04, SB08, SVN04, TTAG14, VS08, DEG11].

hardware-assisted [LOG⁺14].

Hardware-Based [UM13, NSL11].

Hardware-Efficient [TKT15].

Hardware-Friendly [ORA16]. **Hardware/software** [WCJ07, ARJ08, SB08, DEG11].

Hardware/Software-Embedded [DEG11].

harmful [YKK⁺13]. **Harmonic** [HSMS16].

Harmonicity [WHN⁺17].

Harmonicity-Aware [WHN⁺17].

Harnessing [LKB14]. **HARP** [LKB14]. **HARS** [LOG⁺14]. **Harvesting** [ABC⁺17, MLL⁺17, GHZH14, KHZS07]. **Hash** [MKAA17]. **Hash-Based** [MKAA17]. **Health** [HPBL12, LMW⁺17, JLSK13, KS10]. **healthcare** [CD10]. **heap** [BS13a, CH08, BVGVEA10]. **heart** [BJM13]. **Hennessy** [VRF15]. **heterogeneity** [AMN⁺14]. **Heterogeneous** [AR14, CDH⁺16, ETAV16, GQC⁺17, LLW⁺17, LLZ⁺17, MG15, PRB15, PqBM⁺15, PLM⁺15, QP15, RN14, SXXS⁺16b, THA⁺12, AP09, BCC⁺08, FC13, KBDV08, NBGS09, PGR⁺08, VHB⁺13, WSK14]. **Heuristic** [KAKSP15, SEB12, VSSS13, YCNCC11]. **Heuristics** [MG15, OMA⁺13]. **Hidden** [GGJ12]. **hiding** [XHSS10]. **Hierarchical** [DAHM16, GNR⁺10, MCSW12, AFL13, TBG⁺13]. **Hierarchy** [TBG⁺17]. **High** [BRL16, DLPK16, HW17, KCWH14, KPC⁺16, LWB13, LCH⁺08, LPO⁺17, PCM⁺15, PGR16, SRG⁺15, SP12, YDLC10a, BCLN13, BAR13b, CCA⁺13, FO03, KKC⁺05, LLC⁺13, PGS⁺13, PSZ12b, THON12]. **high-accuracy** [PSZ12b]. **High-Level** [BRL16, KPC⁺16, BAR13b, CCA⁺13, FO03, KKC⁺05]. **High-Performance** [DLPK16, KCWH14, LPO⁺17, PCM⁺15, PGR16, SRG⁺15, SP12, LWB13, LCH⁺08, YDLC10a, BCLN13, PGS⁺13]. **High-Speed** [HW17, LLC⁺13]. **high-throughput** [THON12]. **Highly** [CHK⁺14a, yCBR05, SPP⁺10, TTAG14, VHB⁺13, ZVN05]. **HMAC** [GWM16]. **HMAC-SHA256** [GWM16]. **hoc** [KDN⁺07]. **HOL** [MHT13]. **home** [LCQ⁺13]. **Host** [RG14]. **Host-Compiled** [RG14]. **HRT** [CQB⁺15]. **Hybrid** [Ahm13, BP14, BF17, CSW15, DSXS⁺14, JRSR17, JMO14, KCWH14, MM16, QP15, RMD09, SLN⁺16, TSY⁺16, WMLM12, YLW15, ADI06, HZX⁺14, JKJ⁺10, LMST04, LO13, MLL08, RP11, RS07]. **Hybrid-compiled** [RMD09]. **Hybrid-Mapping** [CSW15]. **hyperelliptic** [WPW⁺04]. **I/O** [CWH⁺16, CCB⁺06, MRY⁺10, SKPL10, SC05]. **ICs** [HL14]. **Ideal** [LPO⁺17]. **Identifying** [ZWH⁺16]. **Idle** [LS12]. **IEC** [YRS12]. **IEC61499** [Kha13]. **II** [PBP09b]. **IIR** [FF09]. **illegal** [HT06]. **Image** [CWH⁺16, KNL12, PZ12, SCF12, SRY13, SWWY13]. **Image-Content-Aware** [CWH⁺16]. **image-media** [SWWY13]. **Images** [CPP⁺17]. **imaging** [CCC⁺14]. **immersive** [LAHS06]. **Impact** [BTL⁺12, GM12, LC17, HHB⁺05]. **Implementation** [BSJ15, FHB⁺17, HGL14, MFG16, SIR⁺17, SPC⁺16, CSST08, CLR05, HQB06, KASD07, LV09, WL09, WKC07, ZXS03]. **Implementations** [NPAG12, DP08, SM13a, WGP04, YCLV⁺02]. **Implementing** [AFG08, VOG15, YRS12]. **Implicit** [DASS12, CHTC07]. **impressionist** [SRY13]. **Improve** [BHD15, RKK15, FS14, RP11]. **Improved** [SLCS16]. **Improvements** [BBB16, HHC⁺16b]. **Improving** [AB15, KJKM16, LS17, SHME13, TVK08, XQ07, AC08, CW14]. **IMS** [KBCL13]. **in-vehicle** [SKH⁺12]. **inActive** [LKB14]. **inaugural** [Wol02]. **increasing** [JHK⁺06, SWL07]. **Incremental** [CJL17, DHKS15, Ise17, NKP⁺12]. **Independent** [CPP⁺17, HBSA04]. **Index** [KCC⁺16]. **indexing** [PCBW13]. **Indoor** [TSW⁺17, TM15]. **Inductive** [Ise17]. **Industrial** [UBF⁺16]. **Inertial** [WJ17]. **Inexact** [LEPP13, PL13]. **Infer** [AGS⁺16, WRB15]. **inference** [QRB10]. **Information** [LMST04, GLWM14, KTT13, YZA13]. **Infrastructure**

[BLG⁺15, GLT⁺13, JBN⁺13]. **inherent** [YZA13]. **inheritance** [LLN09]. **Injection** [ARP12, YGD⁺17, CMV10]. **Injections** [LCLW17]. **Innovative** [VP16]. **Inputs** [DPNA16]. **Installment** [SYC⁺17]. **Instant** [LX12]. **Instantaneous** [MG05].

Instruction [ARP12, AB15, Fra12, KAKSP15, QZXO14, WSHC14, AC08, BP05, GRCV03, KVK⁺03, LSC14, LLPM07, LM13, LXL13, MBFT09, RDM06, RMD09, RAK14, SD13, YZ08].

Instruction-Cache [AB15].

instruction-level [SD13]. **instruction-set** [AC08, RDM06, RMD09]. **Instructions** [DASS12, GGI13, KG05, SBX08].

Instrumenting [MZG14]. **Integrated** [EK12, FSC⁺16, dFMAdN12, MSCS16, SXXS⁺16b, BvB13]. **Integrating** [GIB⁺12, SPP⁺10]. **Integration** [LWZ⁺16, MHT13, SWL⁺14, CCB⁺06, Dea06, KASD07, NKP⁺12, SD13, WCJ07].

Integrity [DBFH14]. **Intel** [CMP⁺07].

Intelligent [Pau14, LKW02]. **Intensive** [TDD⁺16]. **Interactive** [BC07, LL15, KBCL13, KZH⁺06, LCQ⁺13, PCBW13].

interconnect [JP14]. **Interconnection** [SXXS⁺16a]. **Interconnection-Aware** [SXXS⁺16a]. **Interconnects** [CFGM15, WMZY13]. **Interface** [SH15, LCQ⁺13]. **interfaces** [NNH⁺14, ZL08]. **Interference** [NS16, BHM17, RP10]. **interference-free** [RP10]. **Interleaving** [BB13, FSC⁺16].

Intermittently [JRSR17].

Intermittently-Powered [JRSR17].

internal [CW14]. **Internet** [BGJ17, RRM16, Shu15a, SYC⁺17].

Internet-of-Things [BGJ17].

Interpolation [CLS16]. **interpretation** [RRW05]. **interprocess** [TKD07].

Interrupt [FND⁺16, LP10, dFMAdN12, WCM⁺16].

Interrupt-Driven [WCM⁺16, LP10].

Interrupt-Triggered [FND⁺16]. **Interval** [LZL15, L XK10]. **Intrinsic** [MFMA17].

Introducing [SBF⁺05]. **Introduction** [BCEP12, BM13, CP13a, CKGN14, CC14, CP13b, DV13, DSD12, Edi13, FM12, Goe14, GP07, HCK⁺08, HTLC10, Hüb13, JB02, JB03, JLSK13, KS10, KL13, KM13, MS05, PCB12, RHG⁺14, SOG15, STW13, Wol02, Sch07]. **Intrusion** [WDY⁺16, LHCK04].

Intrusive [AARJ12]. **Invariant** [BP12].

Invariant-Based [BP12]. **Invariants** [AGS⁺16]. **inversion** [IBMK10, KHHH14].

Investigation [WRB15]. **INVISIOS** [AARJ12]. **Invited** [DSXS15]. **IoT** [CCM17, JRSR17, Shu17b, TNR17, WX17].

IP [CCB⁺06, SM13a, TKL⁺15, WCJ07]. **IPs** [BRL16]. **IPSec** [SKW⁺07]. **Irons** [Shu16d].

ISA [CYH⁺17]. **islands** [FZHT13]. **Issue** [BBM15, CS16, CKGN14, CJL17, DSXS15, EE16, FX17, Goe14, IT16, KL13, MCP17, RHG⁺14, TEC12, VP16, WX17, WSHC14, ZQC16, BM13, DPP14, GM03, Gup04, GP07, HCK⁺08, HTLC10, JC03, KS10, KBCL13, LB04, MS05, DWCM14, PBP09a, Sch07, SL04, ST05, Wol02, PBP09b]. **Issues** [Shu15c, JB02, JB03]. **iSupplemental** [TEC12]. **Iterational** [XHSS10]. **Iterative** [SAHE04, BWS14, PS08a]. **Itself** [Shu16b].

ITUbee [FXP⁺17]. **IXP** [LCH⁺08].

Java [ABC⁺07, BVGVEA10, CSK⁺02, CH08, CRAJ10, GW08, HT06, HTLC10, JMO14, KW10, MS13a, PS10, SKKR11, SPP⁺10, TKL⁺15]. **Java-based** [GW08, JMO14]. **Join** [SGW⁺16]. **Joint** [HZX15, LXL13, LYY⁺17, WC16]. **JOM** [WC16]. **JPEG** [THON12]. **JSCD** [YC12].

Jump [PP12].

Kernel [LL17, WRB15, CDD⁺07].

Kernel-Level [WRB15]. **kernels** [PGS⁺13].

Key [DL12, PNRC17, PS08b].

Key-Length-Based [PNRC17]. **knapsack** [YCNCC11]. **kNN** [SM13a]. **KNOWME** [TLL⁺12].

L24 [SM13b]. **Language** [LFC17, SIR⁺17, MMD04]. **Languages** [LP09a]. **Large** [CJL17, HHB⁺05, PS08b]. **Large-Scale** [CJL17, PS08b]. **LARK** [DS11]. **Last** [KRS⁺16]. **Last-Level** [KRS⁺16]. **Latency** [AYS15, MV16, ABI⁺09, SRM⁺13, XHSS10]. **Latency-Optimized** [AYS15]. **Latent** [VAR13]. **Lattice** [AYS15, BSJ15, HPO⁺15, LPO⁺17, VF17]. **Lattice-Based** [AYS15, BSJ15, HPO⁺15, LPO⁺17]. **Launch** [KJKM16, CLK13]. **Layer** [BDG⁺15, JCW⁺16, Kwo16, SKKR11, CYKH13, CCY⁺13, KST⁺12, KXL10, LPC⁺07, PCK⁺08, WKC07, Wu10, ZP09, JKJ⁺10]. **LCTES'05** [GP07]. **LCTES'11** [DV13]. **LDPC** [LJ14]. **leakage** [CNK04, ZKKC05, ZTD⁺06, ZA07]. **Leaks** [DLV16]. **LEAP** [MSR⁺12]. **Learning** [KCCW17, ORA16, Pau14, SR12b, KR14, SBF⁺05]. **Lebesgue** [MHT13]. **Ledgers** [Shu16a]. **Legacy** [SWL⁺14, CCAP12]. **legaSCi** [SWL⁺14]. **LegUp** [CCA⁺13]. **Length** [PNRC17, BAR13b, KD08, PL10]. **Less** [AKTM16, BYD09, PLKH08]. **Level** [BRL16, KPC⁺16, KBS17, KRS⁺16, LYH⁺15, MFMA17, MF12, NBM⁺16, WRB15, ZRF⁺12, ZYM16, ZYL⁺17, BAR13b, CCA⁺13, FO03, JBN⁺13, KKC⁺05, KVN⁺09, MSCJ12, MSS⁺03, MSL13, OP06, SGT⁺13, SD08, SD13, VJD⁺07, VDK⁺08, YCLV⁺02]. **leveling** [CCH13, PMPP14]. **Leveraging** [MF13]. **LiBrA** [GMVV17, JN15]. **libraries** [PLKH08]. **Lifetime** [GM12, LO13]. **Lightweight** [AMKA17, AARJ12, DS11, GMVV17, KSP⁺12, MFG16, SL16, PS04]. **like** [BCS16, LJ14]. **limited** [BS13a, CH08, Wu10]. **LIN** [SKH⁺12]. **Linear** [BF17, KJRG13]. **Link** [DVC⁺07, KXL10]. **Link-time** [DVC⁺07]. **Linked** [PqBM⁺15]. **links** [QRB10]. **Linux** [BMF15, CDD⁺07, MZG14]. **LiSP** [PS04]. **Live** [FND⁺16]. **Live-Out** [FND⁺16]. **Liveness** [GZ12, WWY13]. **Liveness-Enforcing** [WWY13]. **LLM** [BS13a]. **LMP** [WSK14]. **LMP-based** [WSK14]. **Load** [CWJ17, UM13, Mus10, ZP06]. **Load-Balancing** [CWJ17, Mus10]. **load/stores** [ZP06]. **loader** [WBF⁺06]. **Local** [KAKSP15, LBS15, BS13a]. **locality** [GFC⁺10, KK05a, YG02]. **Localization** [SHL⁺17, ZH12a, BHET04, CTK⁺13, HHB⁺05, LLL14, PS08a, PSZ12b, ZH12b, ZC04c]. **Location** [LLT⁺17, TM15, ZHM⁺14]. **locations** [PS08a]. **Lock** [CRJ10, PCM⁺15]. **Lock-free** [CRJ10]. **Locked** [SMR15]. **Locking** [AB15, QZXO14, ZW17, VLX07]. **log** [LPC⁺07, TSG10]. **Logging** [CSW15, CSCC17, DLH16, MWF⁺16]. **Logic** [AFS⁺13, KMP15, VRF15, LLLGR13, ETAV16]. **Logic-Based** [ETAV16]. **Long** [JC12, DLC⁺14]. **Long-Term** [JC12, DLC⁺14]. **Look** [WZH13]. **Look-Ahead** [WZH13]. **loop** [DEG11, GGI13, KVN⁺09, NNS13, TKD07, XHSS10]. **loop-level** [KVN⁺09]. **Loops** [EK12, TdS05, TBDdD11, SVN04, ZA07]. **Loosely** [BBB16]. **Low** [ABC⁺17, ABI⁺09, BHD15, JRR16, SWJ⁺13, SJC⁺03, YC12, CCH13, DBH14, Geb06, GJ13, GRCV03, GLWM14, IHK04, KYHY14, LWB13, NPP13, ÖNG08, RAK14, SJRS⁺13a, TTAG14, TVK08, ZCK13, ZVN05, ZP09, MSR⁺12]. **Low-Cost** [ABC⁺17, CCH13, SJRS⁺13a, ZCK13, ZP09]. **Low-energy** [SJC⁺03, Geb06, LWB13]. **Low-latency** [ABI⁺09]. **Low-Power** [YC12, GJ13, GLWM14, IHK04, KYHY14, NPP13, ÖNG08, RAK14, TVK08]. **Low-Voltage** [SWJ⁺13]. **Lower** [ZX08]. **LRU** [GLYY14]. **LTE** [AAPN14]. **Lustre** [TSCC05]. **M2M** [Pau14, RRM16]. **MAC**

[BTL⁺12, CHTC07, GDA13, ZWY⁺10]. **Machine** [APRC16, CHS15, KKCS16, LAZ⁺16, ABC⁺07, CGV10]. **machine-based** [CGV10]. **Machine-to-Machine** [APRC16, KKCS16, LAZ⁺16]. **Machines** [DQ14, KCWH14, CH08]. **macromodeling** [LBP07, TRJ05]. **Magnetic** [CPP⁺17]. **Main** [PXY⁺17, WLWS15, HXZ⁺13, PMPP14]. **Maintaining** [LLR14, KDN⁺07]. **manage** [CRM14]. **Managed** [LBS15]. **Management** [BMF15, CSW15, DAHM16, DSXS15, FBM16, HB16, HZX⁺14, HHC⁺16a, KBS17, dFMAAdN12, LZL15, LL17, MLL⁺17, PYJL15, Pau14, TDD⁺16, WLWS15, ZP11, AMCM06, ACK⁺13, BDP⁺13, BBL09, CCY⁺13, CH08, ELS08, FZJ08, ISG03, JKH⁺13, KHZS07, KR14, KXL10, MPZS13, RV03, SGT⁺13, SRS03, WYS⁺13, YCNCC11, ZC04b, Zhu10]. **Manager** [DAHM16, CH10]. **Managers** [REPL15]. **Managing** [CRCR13, DRL⁺10, BS13a]. **manner** [SRY13]. **MANTIS** [MLV09]. **Manual** [LL15]. **Manufacturing** [GM12]. **Many** [CCC⁺14, MKD15, SXXS⁺16a, SXXS⁺16b, TDD⁺16, ACK⁺13, DPP14, LKB14, LOG⁺14, LLR14, YFPJ14]. **Many-Accelerator** [SXXS⁺16a, SXXS⁺16b]. **Many-Core** [MKD15, CCC⁺14, ACK⁺13, DPP14, LKB14, LOG⁺14, LLR14, YFPJ14]. **Many-Cores** [TDD⁺16]. **manycore** [KYL13]. **Map** [TKT15]. **Mapping** [BRA⁺16, CSW15, CLL16, CPC17, ETAV16, FSC⁺16, FC16, GIB⁺12, GAG15, HC16, JRSR17, LX16, MSCS16, PJWY12, QP15, ZNS13, DKV14, HH13, LWB13, MEP08, MAG14, OMA⁺13, WW09]. **March** [SN10]. **Market** [ZLF13]. **Market-based** [ZLF13]. **Markov** [GGJ12]. **mask** [Geb06]. **Masked** [WH17]. **massive** [Edi14, Mus10, ZXCH13]. **Massively** [GLP⁺11]. **matching** [LHCK04, TLLL09]. **matrix** [IBMK10]. **Maximal** [VRF15, HCQ⁺14]. **Maximally** [WZH13]. **maximization** [HCQ⁺14]. **Maximizing** [MASG15, RMM03]. **McEliece** [MBR15, VOG15]. **MCUs** [JRSR17]. **MDPC** [VOG15]. **Measure** [MHT13]. **Measurement** [ZO16, LYL13]. **Measuring** [DW10]. **Mechanism** [CAPL11, WC16, CWKH12, RAK14]. **Mechanisms** [CJL17]. **media** [HE12, SWWY13]. **Medical** [MS13b, PJJ⁺14, KLC⁺10]. **medicine** [WYS⁺13]. **MEDiSN** [KLC⁺10]. **Medium** [KKCS16]. **meet** [SRM⁺13]. **meets** [BSKB⁺09]. **Mellon** [KCG⁺05]. **MEMMU** [BYD09]. **Memories** [PqBM⁺15, WLWS15, BMP03, HXZ⁺13]. **Memory** [BCS⁺06, CI17, DPNA16, DKAL05, FSC⁺16, FMSS15, GIB⁺12, GAG15, JRSR17, JLW⁺15, KKK⁺11, KS13, KJKM16, KBS17, LYH⁺15, LBS15, MBKF15, MF12, NDB09, PXY⁺17, SWJ⁺13, TDD⁺16, TBG⁺17, WC16, ZDZ14, ACK⁺13, ABS02, BCLN13, BS13a, BCDH12, Bar13a, BAR13c, CH10, CDD⁺07, CKL04, CWKH12, CYKH13, CC13a, CSK⁺02, CH08, CVG⁺13, ELS08, GDN03, HFG13, HH13, HZX⁺14, HL14, JB02, JB03, JKH⁺13, KYL13, KGR12, LKW02, LO13, L XK10, LXL13, LPB06, MMD04, PLKH08, PK13, PMPP14, RP03, SGT⁺13, SE10, SBX08, SJC⁺03, UDB06, UCK⁺09, WAD14, WKC07, XHSS10, YDLC10a, YDLC10b, ZP08, ZP06, BYD09]. **memory-based** [CC13a, HZX⁺14]. **memory-constrained** [Bar13a]. **Memory-Intensive** [TDD⁺16]. **memory-limited** [CH08]. **Memory-Model-Aware** [FMSS15]. **Memristor** [MCS⁺15]. **Memristor-Based** [MCS⁺15]. **mental** [WGPH13]. **Mesh** [MSCS16, BP14, Bec09, SJRS⁺13a]. **Mesh-Based** [MSCS16]. **mesh-connected** [Bec09]. **Message**

[HM17, KHHH14, LZJ17, LBP07]. **METEOR** [BP14]. **meters** [Edi14]. **methanol** [SPK⁺12]. **Method** [AGS⁺16, EVS⁺17, GW15, CCB⁺06, KHHH14, LWB13, LO13]. **Methodologies** [IT16, ST05]. **Methodology** [FSC⁺16, OBSO16, PSZ12a, TSW⁺17, TGV12, DEG11, KST⁺12, LAN06, Shu14b, XWHC06]. **Methods** [HHC⁺16b, KCCW17, Mos13, Pau14, VP16, AC08, SHME13, WEE⁺08]. **Metric** [GZ12]. **metroII** [DDG⁺13]. **Micro** [JC12, MB10]. **micro-satellite** [MB10]. **Micro-Solar** [JC12]. **Microarchitect** [KJK⁺17]. **Microarchitectural** [DJO12]. **microarchitecture** [NB04]. **MicroBlaze** [LV09]. **MicroBlaze-based** [LV09]. **Microcontrollers** [CI17, JRR16, LPO⁺17, SWJ⁺13, Sch10]. **Microprocessor** [KE15]. **microprocessors** [RAK14]. **Microsearch** [TSWL10]. **Microserver** [MBB⁺15]. **microthreaded** [YFPJ14]. **microwave** [CCC⁺14]. **migration** [LP10]. **Milner** [VRF15]. **Miniaturized** [MVS⁺13]. **Minimal** [CL13, SBX08, Edi14, GNW05]. **Minimally** [AARJ12]. **Minimization** [HZX15, PAP⁺12, ZX08]. **Minimize** [YCT16]. **Minimizing** [BBL09, LLZ⁺17, SPDLK⁺17, ZDZ14, ZW17, GNS04]. **minimum** [KAK05]. **minimum-energy** [KAK05]. **Mining** [GZZ⁺16]. **MIPS** [LCS03]. **Miss** [NS17, MEP08]. **Mixed** [AKTM16, CYH⁺17, FHB⁺17, HPP17, HHC⁺16a, TSP15, ZGZ15, HGL14, LDRM12]. **Mixed-Criticality** [AKTM16, HHC⁺16a, TSP15, ZGZ15, FHB⁺17, HGL14, LDRM12]. **MLC** [CYKH13]. **MLC-based** [CYKH13]. **MMU** [BYD09, ELS08, PLKH08]. **MMU-less** [BYD09, PLKH08]. **Mobile** [CWH⁺16, GQC⁺17, HTC⁺16, KCJ⁺16, KNL12, LDV12, LKH16, LMW⁺17, LNA⁺15, MV16, SBR⁺15, Shu17c, WTSR13, WLH16, BO13, CTK⁺13, CLK13, FZJ08, ISTE08, ISE10, KSK13, KST⁺12, LLL14, LCJ13, NNH⁺14, PK13, RC08, VAR13, WRJL06, WYP⁺10]. **MobiSense** [WYP⁺10]. **Modal** [BV15, SH15, WBS10]. **Mode** [JRR16, yCBR05, ZTRC03]. **Model** [ARS16, ARDG16, BRL16, FMSS15, GLP⁺11, GGJ12, LC17, LAZ⁺16, MV16, PNRC17, Sch10, SWL⁺14, SOL⁺16, TBFR17, TBCB15, WZ12, CJMB05, DRL⁺10, KKH⁺12, OMA⁺13, PJJ⁺14, RSB⁺09, SL08, WMZY13, ZS05, BE10]. **Model-Based** [ARDG16, BRL16, TBFR17, KKH⁺12, OMA⁺13]. **Model-Driven** [GLP⁺11, DRL⁺10, RSB⁺09, BE10]. **Model-Predictive** [TBCB15]. **Modeling** [Fra12, GFC⁺10, HMM04, KSS16, KE15, KL13, LLLT08, LLTL09, McI13, MKD15, MD04, MAGR15, NKP⁺12, NDZ13, NBM⁺16, RHG⁺12, ZYM16, ASTPH10, MG05, SD08, SPK⁺12, VJD⁺07, VDK⁺08, WW09, VAHC⁺06]. **Models** [BHM17, CD12, HYY⁺15, IT16, LZJ17, SBLM13, SGW⁺16, CC13a, DP08, HDR⁺06, HVG13, LLC⁺13, ST05, ZMB03]. **Modern** [BMB16]. **Modes** [PXY⁺17]. **Modular** [TBG⁺13]. **Modularization** [LPFL16]. **Module** [BCS16, ARJ08, PAS⁺09]. **module-based** [PAS⁺09]. **modulo** [SWWY13]. **Molen** [PBV07]. **monitor** [MVS⁺13]. **Monitoring** [Edi14, HHC⁺16b, MBKF15, TLL⁺12, GJ13, GNR⁺10, WYP⁺10]. **Montgomery** [SLN⁺16]. **MORPHEUS** [VHB⁺13]. **Motion** [HPBL12, PJWY12, YW13]. **Motion-Based** [HPBL12]. **mountain** [VS05]. **MP** [JBN⁺13, YCNCC11]. **MP-SoC** [JBN⁺13, YCNCC11]. **MPSoC** [CFGM15, CMP17, LYH⁺15, LBP07, MBLA16, PAP⁺12, PGR⁺08]. **MPSoCs** [BLG⁺15, AMN⁺14, BMB16, CAP⁺07, GLT⁺13, HHB⁺12, KBDV08, LPB06, MAG14, MASG15, OMA⁺13, QP15, TBG⁺17]. **MPSoCSim** [WRKG16].

MRAM [ZBCM09]. **MRU** [GLYY14].
MTSS [MSB08]. **Multi**
 [CH10, GIB⁺12, HSMS16, KRS⁺16,
 LLW⁺17, PGR16, PHG⁺17, SHL⁺17, VF17,
 WHN⁺17, yCBR05, ISE10, Mus10, NPP13,
 PMM⁺13, PÖG⁺13, ZHCY13].
Multi-buffer [CH10]. **Multi-Core**
 [HSMS16, PGR16, WHN⁺17, PHG⁺17,
 Mus10, PMM⁺13]. **Multi-Cores** [KRS⁺16].
multi-CPU [ISE10]. **multi-FPGA**
 [ZHCY13]. **multi-frames** [NPP13].
multi-mode [yCBR05]. **multi-processor**
 [PÖG⁺13]. **Multi-Processors** [GIB⁺12].
Multi-Quadcopter [SHL⁺17].
Multi-Representative [LLW⁺17].
Multi-valued [VF17]. **multiapplication**
 [HT06]. **Multicast** [JCW⁺16].
Multichannel [CLL16, GAG15, HC16,
 ZO16, CCH13, CW14]. **multichoice**
 [YCNC11]. **multicluster** [PEP05].
Multicopy [CHK⁺14a]. **Multicore**
 [BZ13, CPC17, CQB⁺15, ETAV16, EVS⁺17,
 HDG⁺14, HPP17, LLZ⁺17, PCM⁺15,
 PLM⁺15, RG14, SMR15, THA⁺12, TFL16,
 UBF⁺16, WZ12, BP14, BS13a, CCR⁺14,
 HG09, HZX⁺14, HL14, TKG13].
Multicore-Based [EVS⁺17, BZ13].
Multicores
 [LBS15, RKK15, JP14, MPZS13].
multidimension [YCNC11].
Multidimensional [APRC16, JBN⁺13].
multifrequency [ZWY⁺10]. **MultiLayered**
 [LNA⁺15]. **Multilevel**
 [CR14, LN04, ZLLC15]. **Multimedia**
 [CAPL11, Kwo16, YC12, CLK13, CCAP12,
 HQB07, IHK04, KBDV08, KBCL13, PK13,
 PCBW13, QP03, RC08, SRY13, UAK⁺03,
 WMZY13]. **multimedia-enabled** [RC08].
Multimodal [TLL⁺12, AF14]. **Multimode**
 [AFMT17, JEP16]. **MultiNets** [NNH⁺14].
Multiple [PXY⁺17, TBDdD11, WSHC14,
 HQB06, ISG03, LCS03, MMSN14, NRL13,
 NNH⁺14, PL10]. **multiple-FPGA**
 [MMSN14]. **Multiple-Issue** [WSHC14].
multiple-QoS [PL10]. **multiplicative**
 [KHHH14]. **Multiplier** [NWA12].
multipliers [RMH04a]. **Multiprocessor**
 [CDH⁺16, DBM⁺15, LX16, MG15,
 WRKG16, CHK14b, DZR09, ESAS14,
 HQB06, Hüb13, ISTE08, JM06, KKO⁺06,
 LWB13, LES14, LQN⁺13, OP06, PS10,
 SE10, TSBY13, VSSS13]. **Multiprocessors**
 [AR14, DSB17, PSZ12a, PRK15, PYJL15,
 RN14, BGD14, Bar13a, BD14, HFG13,
 HXZ⁺13]. **Multirate** [TFL16].
multisequence [ZH12b]. **multitask**
 [CSST08, DP08, MSB08]. **multitasked**
 [ZP09]. **Multitasking**
 [NB04, RP10, TM07, WAD14].
Multithreaded [HYY⁺15, KE15,
 SPDLK⁺17, ZP11, LCH⁺08, LP09b].
Multithreading [LRZ16, PJS15].
Multiuunit [LX12]. **Multiversion**
 [KCC⁺16]. **muscle** [WGPH13].
NAND
 [BDG⁺15, JNI15, PCK⁺08, PK13, WC16].
Near [BCS16, SWT⁺14]. **Near-Static**
 [BCS16]. **Necessary** [ARS16]. **Need**
 [STH17]. **Negative** [CLS16]. **nested**
 [KMB07, NNS13, TKD07]. **nested-loop**
 [NNS13, TKD07]. **Net** [DJZ13, LZJ17].
NetBench [MMS06]. **Nets**
 [ACR17, BB13, BB15, CL13, JFK15, NDZ13,
 WZH13, ZW13, VAHC⁺06]. **Network**
 [CPC17, DLPK16, MST⁺16, PGR16,
 TLL⁺12, WRB15, ZRF⁺12, ZZX⁺15, ZP11,
 BP14, CP13a, CMS08, GMOB13, HVG13,
 KJRG13, KYL13, LLLT08, LLTL09,
 LHCK04, LCH⁺08, LLLGR13, LS09,
 NNH⁺14, PCM12, TKD07, WYP⁺10,
 WYJ⁺14, WW09, YCLV⁺02, YZA13,
 ZWY⁺10, MMS06, SSS11]. **network-flow**
 [WYJ⁺14]. **Network-Level** [ZRF⁺12].
Network-on-Chip [DLPK16, MST⁺16,
 BP14, GMOB13, YZA13, SSS11].
Network-on-Chip-Based [CPC17].
Networked [DLH16, BWS14, BFQ10, FC13,

Gup04, KKH⁺12, NKP⁺12]. **Networks** [ABC⁺17, BKMG12, BTL⁺12, DS11, FBM16, FC16, GM12, GMVV17, GGJ12, LAZ⁺16, MAGR15, TSW⁺17, ZLL⁺11, AKB14, CTK⁺13, DLN13, DLC⁺14, FZK⁺10, GHZH14, HBSA04, HHB⁺05, KHZS07, KAK05, KXL10, KLC⁺10, KYHY14, KDN⁺07, LN04, LAHS06, MLV09, NNS13, PS04, PS08a, PS08b, SRM⁺13, SKH⁺12, SGDP12, WYJ⁺14, XWHC06, YGHS08, ZL08, ZLF13, ZC04c]. **Networks-on-Chip** [FC16, AKB14, KYHY14, SRM⁺13, WYJ⁺14, XWHC06]. **neural** [LLL14]. **next** [ISTE08, ISE10]. **next-generation** [ISE10]. **no** [KHHH14, BVGVEA10]. **No-Heap** [BVGVEA10]. **NoC** [BLG⁺15, BGD14, CCY⁺13, DNNP14, GLT⁺13, LLR14, MSCS16, MKD15, MASG15, OMA⁺13, PB14, ZCK13]. **NoC-Based** [MKD15, BGD14, LLR14, OMA⁺13]. **NoC-Based0** [MASG15]. **Node** [McI13, ZH12a, ZH12b]. **Nodes** [ZO16, SGDP12]. **noise** [SBLM13]. **Non** [BHM17, WLWS15, HXZ⁺13]. **Non-interference** [BHM17]. **Non-volatile** [WLWS15, HXZ⁺13]. **Nonblocking** [SP10]. **noncontact** [CNC13]. **Noninclusive** [CR14]. **nonintrusive** [NSL11]. **nonlinear** [LLL14]. **nonparametric** [GKW08]. **nonrenewable** [MKD13]. **Nonutilization** [LA11]. **Nonvolatile** [MLL⁺17, PXY⁺17, HZX⁺14]. **NOR** [SWJ⁺13]. **normal** [RMH04a]. **Novel** [CLS16, EVS⁺17, MCS⁺15, DZR09, NPP13, ZCK13]. **NUCA** [FS14]. **NUCA-based** [FS14]. **Number** [Ano13, Ano14, LCLW17, MFG16, MASG15, Edi14]. **numbers** [ZXCH13]. **NWSLite** [GKW08].

O [CWH⁺16, CCB⁺06, MRY⁺10, SKPL10, SC05]. **OA** [MM16]. **object** [KTT13, MMSN14, NPP13]. **Objects** [BVGVEA10]. **Ocarina** [GGGK08]. **Off** [ZRF⁺12, CP13a, CRCR13, CLK13, CGV10, HFG13, SD08, SJC⁺03, SAYN09]. **off-board** [CGV10]. **off-chip** [CP13a, SJC⁺03, SAYN09]. **Offs** [IPEP12, MCM⁺17, GFC⁺10, LDV12, SM13b]. **Offset** [OOAL06, SR12a, SEB12, HABT11]. **Oh** [Shu15b]. **OLED** [LKH16]. **omega** [MRT13]. **omega-regular** [MRT13]. **omnidirectional** [SCF12]. **On-Board** [CPP⁺17]. **on-body** [QRB10]. **On-Chip** [PSZ12a, KGR12, YFPJ14, CP13a, LJ14, PL10, SJRS⁺13b, WMZY13]. **On-the-Fly** [UM13]. **onboard** [BCG10]. **One** [WZH13]. **One-Step** [WZH13]. **Online** [Ano13, Ano14, EVS⁺17, ISG03, KR14, REPL15, WXY⁺17, YDLC10b, MSL13, TTAG14, YDLC10a]. **Only** [GW15, BS13a]. **onto** [CC13a, DSXS15, OFA⁺15]. **open** [CCA⁺13]. **open-source** [CCA⁺13]. **operand** [LCS03]. **operating** [AMCM06, BMM13, FRRJ07, TRJ05, WP11, YDLC10a]. **Operation** [BHD15, WC16, FC13]. **Operations** [VF17, BAR13b, SWWY13]. **OPLE** [KAKSP15]. **Opportunistic** [JCW⁺16]. **Opportunities** [Shu17b]. **OPS** [ZCS⁺05]. **Optical** [FC16, KYHY14]. **Optimal** [GAG15, KK05b, MBP14, ABS02, CHK14b, GJ13, GNS04, PL10, RV07, SWT⁺14, SC05, YK03]. **Optimization** [CWH⁺16, DASS12, DHL17, FBM16, GIB⁺12, IPEP12, LYH⁺15, LX16, MWS15, PYJL15, PLM⁺15, SR12a, SEB12, SP12, TSP15, WH17, ZYL⁺17, ZZZ⁺12, BWS14, BMP03, CHK14b, DVC⁺07, DP08, HZX⁺14, IBMK10, JMO14, KKC⁺05, LXL13, LLLGR13, RP03, SAHE04, SKK⁺14, YGHS08]. **Optimizations** [BSA17, BDG⁺15, DJO12, HYY⁺15, KKK⁺11]. **Optimized** [AYS15, BRA⁺16, MBR15, JHPR13, ZXCH13]. **Optimizing** [BP05, BCG10, FRRJ07, HMM04]. **Order** [ACR17, BHM17, LLC⁺13]. **Oriented**

[BKMG12, CWKH12, DRL⁺¹⁰, KK05a, LLN09, SGDP12]. **out-of-order** [LLC⁺¹³]. **Outputs** [DPNA16]. **Overbooking** [DWRR14]. **overflow** [BCS⁺⁰⁶, RRW05]. **overlapping** [CTK⁺¹³]. **Overlay** [CHS15]. **Overload** [LDRM12]. **overview** [SVP05, WEE⁺⁰⁸].

P [WPW⁺⁰⁴]. **Pacemaker** [BJM13]. **packet** [CMS08, LCH⁺⁰⁸, LS09, Mus10, RGSS04]. **packet-switched** [LS09]. **packing** [PEP05]. **pad** [ABS02, NDB09, UDB06]. **Page** [CLL16, HC16, WLWS15]. **Page-Mapping** [CLL16, HC16]. **Paging** [KKK⁺¹¹]. **pair** [RV07]. **Pairwise** [DL12]. **PAIS** [JP14]. **Papers** [TEC12, SN10]. **Parallel** [CS16, DSXS15, GLP⁺¹¹, Goe14, LZJ17, LYY⁺¹⁷, LFC17, PRB15, PJWY12, PÖG⁺¹³, SWL⁺¹⁴, SM13a, WMLA16, GNR⁺¹⁰, MMSN14, THON12, WW09]. **Parallelism** [AMN⁺¹⁴, JP14, SM13b, CW14, KVN⁺⁰⁹, MB10, SD13]. **Parallelism-aware** [JP14]. **Parallelization** [HLLL12, LL15, TFL16]. **Parallelizing** [BRA⁺¹⁶, MKR13, UBF⁺¹⁶, ZP06, MSH⁺¹⁴]. **Parameter** [CAP15, LYY⁺¹⁷]. **Parameterizable** [BRL16]. **Parameterized** [Ise17, CMA05]. **Parameters** [DJO12]. **Parametric** [ACR17, MMR⁺¹⁰]. **Parametrised** [SH15]. **Pareto** [CAP15]. **parMERASA** [UBF⁺¹⁶]. **Parsimonious** [LEPP13]. **Partial** [ACR17, BHM17, DLV16, HPLD09, LPFG13]. **Partial-Order** [ACR17]. **partially** [CIC⁺⁰⁸, CIC⁺⁰⁹, RI04]. **participatory** [WTSR13]. **Partition** [LYY⁺¹⁷]. **Partitioned** [DBM⁺¹⁵, GWZ16, KVK⁺⁰³, CJMB05, LXL13, SBX08]. **Partitioning** [Bar13a, CH17, HSMS16, KAKSP15, SMR15, WHN⁺¹⁷, KP13, LXL13, RP10, SVN04, TJ10, XHSS10]. **Partitions** [LC17, SJRS^{+13a}]. **Pass** [KKK⁺¹¹]. **Passing** [LZJ17, LBP07]. **Passive** [BSB14]. **passivity** [KKH⁺¹²]. **path** [GNW05, MSH⁺¹⁴]. **Paths** [NS17]. **pattern** [GDN03]. **pattern-based** [GDN03]. **patterns** [GLC07, PÖG⁺¹³]. **Payment** [SYC⁺¹⁷]. **Payments** [SBR⁺¹⁵]. **PCA** [KCCW17]. **PCA/DCA** [KCCW17]. **PCM** [KCC⁺¹⁶, YCT16]. **PCM-Based** [KCC⁺¹⁶, YCT16]. **PCMOs** [SBLM13]. **PDA** [GW08]. **Pedestrian** [TM15]. **accelerator** [CCA⁺¹³]. **accuracy** [SD08]. **Architecture** [KKD⁺¹²]. **C-based** [RSB⁺⁰⁹]. **data-flow** [VAHC⁺⁰⁶]. **DCA** [KCCW17]. **Decoder** [FS13]. **Divergence** [BSV17]. **GPU** [OFA⁺¹⁵]. **network** [BFQ10]. **Performance** [IPEP12]. **Power** [RKK15]. **PRAM** [LO13]. **QoS** [LDV12]. **software** [ARJ08, SB08, WCJ07]. **Software-Embedded** [DEG11]. **stores** [ZP06]. **Thumb** [CYH⁺¹⁷]. **Perceived** [KJKM16]. **Perfect** [SLE⁺¹⁷]. **perform** [AAPN14]. **Performance** [AB15, BRA⁺¹⁶, BDG⁺¹⁵, DJO12, DLPK16, Fra12, KCWH14, LYH⁺¹⁵, LPO⁺¹⁷, NBM⁺¹⁶, OBSO16, PCM⁺¹⁵, PGR16, PP12, RG14, RKK15, SRG⁺¹⁵, SP12, WT15, ZRF⁺¹², ZSJ12, BCLN13, BP05, BZ13, CMP⁺⁰⁷, HLD⁺⁰⁹, HHB⁺¹², JHK⁺⁰⁶, KS13, KD08, LWB13, LCH⁺⁰⁸, MSL13, PGS⁺¹³, SE10, SM13b, YDLC10a]. **Performance-Optimized** [BRA⁺¹⁶]. **Performance/Power** [RKK15]. **performances** [FS14]. **period** [LK10]. **Periodic** [ARS16, LZL15, HCQ⁺¹⁴, SL08, XQ07]. **Periodically** [WMLM12]. **Permissive** [WZH13]. **Perpetuu** [MBB⁺¹⁵]. **persistence** [Cul13]. **Persistent** [HTR⁺¹⁶]. **personal** [RC08]. **Personalized** [SKK⁺¹⁴]. **Perspective** [DJS16, KJK⁺¹⁷, BJM13, WBF⁺⁰⁶]. **pervasive** [CD10, TSWL10]. **Petri** [ACR17, BB13, BB15, CL13, DJZ13, JFK15, LZJ17, NDZ13, WZH13, ZW13]. **Phase** [GW15, ZLLC15]. **Phase-Only** [GW15].

phone [LLL14]. **Photonic** [PGR16, BP14]. **Photovoltaic** [BCS16]. **Physical** [AFS⁺13, BHAC15, BKMG12, CKGN14, DWRR14, HZX15, IPL16, KCC⁺16, LWZ⁺16, LLN⁺14, MBKF15, NRL13, SHL⁺17, TGV12, TLL⁺12, WDY⁺16, XKK17, ZYM16, ZYL⁺17, ZJC⁺17, BWS14, BJM13, DDG⁺13, GMOB13, HVG13, Hüb13, LDRM12, SPK⁺12, TXL⁺12, WLT12, YRS12, ZSM13]. **Physics** [PL13]. **PICA** [LS12]. **pipeline** [MD04]. **Pipelined** [TBDdD11, BAR13b, CAP⁺07, HG09, LLC⁺13, THON12, ZXS03]. **Placement** [DSXS15, MSCS16, NS16, PqBM⁺15, TP16, WJ17, BSKB⁺09, JGD⁺09, SBX08]. **Places** [WWY13]. **Planes** [AR14]. **Planning** [JFK15]. **Platform** [CPC17, MFMA17, PGR⁺08, SLB⁺15, SXXS⁺16b, ARJ08, AKB14, ISTE08, VHB⁺13, ZM07]. **Platform-Based** [SLB⁺15, PGR⁺08]. **Platform-Specific** [MFMA17]. **Platforms** [CMP17, ETAV16, MBLA16, PRB15, SL16, SOG15, TFL16, WHN⁺17, ACK⁺13, CCR⁺14, JMO14, LLLGR13, MLV09, OP06, SM13b, TSBY13]. **PLTL** [CJMB05]. **PLTL-partitioned** [CJMB05]. **Plug&Chip** [DSXS⁺14]. **Plugging** [CSW15]. **PMC** [HPP17]. **point** [AC08, DBH14]. **pointers** [BAR13c]. **policies** [KR14, KBDV08, LA11, RG13]. **policing** [DW10]. **Policy** [HPS13, PYJL15, Mus10]. **Pollution** [SHL⁺17]. **Poly** [PZ12]. **Poly-DWT** [PZ12]. **polyhedral** [NNS13]. **polymorphic** [AVF⁺09, PZ12]. **polynomial** [TJ10]. **Portability** [CHS15]. **Portable** [YC12, ABI⁺09, ELS08]. **position** [QRB10]. **Post** [AKB14, KKK⁺11, MKAA17]. **Post-Pass** [KKK⁺11]. **Post-Quantum** [MKAA17]. **Post-silicon** [AKB14]. **postfabrication** [CIC⁺08, CIC⁺09]. **postural** [QRB10]. **Power** [ARP12, ACK⁺13, Bec09, JRR16, JC12, JEP16, KHZS07, LZL15, LYH⁺15, LKH16, LBP07, MLL⁺17, MV16, MSR⁺12, MCM⁺17, OBSO16, OMA⁺13, PYJL15, Pau14, SLB⁺15, SRS03, SOL⁺16, YGW⁺12, YC12, ZRF⁺12, ZP07, AMCM06, BO13, CMP⁺07, DBH14, Geb04, GJ13, GRCV03, GLWM14, IHK04, ISG03, JC03, JHK⁺06, KR14, KXL10, KYHY14, MSS⁺03, MALM04, MSL13, Mus03, NPP13, ÖNG08, QRB10, RAK14, SWL07, SJRS⁺13b, TVK08, VJD⁺07, VDK⁺08, ZC04b, ZTRC03]. **power-attacks** [Geb04]. **Power-Aware** [JEP16, ACK⁺13, OMA⁺13, JC03, MSS⁺03, MALM04]. **Power-Efficient** [SLB⁺15, ZP07]. **Power-Performance** [ZRF⁺12]. **power-saving** [ISG03]. **power-sensitive** [BO13]. **Powered** [JRSR17, TSW⁺17, MBB⁺15, RV03]. **Practical** [HPO⁺15, LC17]. **practice** [BSKB⁺09, Cul13]. **PRAM** [PMPP14]. **Pre** [CIC⁺09]. **Pre-** [CIC⁺09]. **Preaveraging** [GWM16]. **precedence** [MBFSV07]. **Precise** [NS16]. **precision** [SE07]. **Predicate** [ADI06]. **Predictability** [TSBY13, GLYY14]. **Predictable** [PW13, SRG⁺15, TBG⁺17, AEF⁺14, WAD14]. **Predicting** [DJO12, JC12]. **Prediction** [KCJ⁺16, NS17, QZXO14, GKW08, HE12]. **Prediction-Directed** [QZXO14]. **Predictive** [TBCB15]. **predictor** [WGPH13, ZA07]. **Preemption** [CR14, DBM⁺15, GWZ16, ZGZ15, ZP09]. **preemptions** [RM10]. **Preemptive** [DSB17, TM07, WAD14]. **Prefabrication** [CIC⁺08]. **Preface** [AL05]. **prefetching** [YZ08, ZP07]. **Preorders** [BSV17]. **Presence** [TBDdD11, LHX⁺14, VS08]. **PRESENT** [WH17]. **Preserving** [ACR17, LLT⁺17, CSST08]. **Prevention** [ZW13]. **pricing** [WSK14]. **Primitive** [MCS⁺15]. **Primitives** [BSJ15, LBP07]. **Principled** [PHG⁺17]. **Priority** [DBM⁺15, DHL17, MBP14, WHN⁺17, DF14, LA11, MEP08, QH07, YK03, ZZZ⁺12]. **Privacy** [KCCW17, LLT⁺17]. **PROARTIS** [CQV⁺13]. **Probabilistic**

[AFS⁺13, HQB07, KM13, LEPP13, MHT13, SWJ⁺13, SCG15, TBEP16, WHN⁺17].

Probabilistically [CQV⁺13]. **Problem** [SEB12, WEE⁺08, Ahm13]. **problems** [TJ10]. **procedure** [KMB07, KASD07].

Process [BGRV15, GM12, MZG14, MAG14, MASG15, NNS13, TKD07].

Process-variation-aware [MAG14].

Processes [LZJ17, PBP09a, PBP09b].

Processing [SWWW17, AMN⁺14, BCG⁺07, BCG10, DSW⁺09, GHB13, GJ13, HVG13, PÖG⁺13, SCF12, VGG⁺13, ZH12b, ZLF13, MSR⁺12].

Processor [MLL⁺17, MBR15, MMD04, PHG⁺17, SK13, SOL⁺16, SCS16, TKL⁺15, CCA⁺13, GLWM14, HL14, KGR12, KT14, LK10, LHCK04, LCH⁺08, LV09, MG05, PMM⁺13, PÖG⁺13, ZC04a, LS12].

processor-based [KGR12, LHCK04].

Processor-memory [MMD04]. **processor/accelerator** [CCA⁺13]. **Processors** [GIB⁺12, HLLL12, HTC⁺16, TBDdD11, WZ12, YC16, ZP11, BS13a, BO13, BM13, CIC⁺08, CIC⁺09, CC13a, DPP14, Geb04, GGI13, HZX⁺14, JHPR13, KD08, KK05b, LLPM07, LS13, LLLT08, LLTL09, Mus10, ÖNG08, PBV07, PO05, RP11, TLLL09, UAK⁺03, WW09, YW13, ZMB03, ZP06, ZP07, LKB14, MMS06]. **producer** [RV07].

Profile [WLH16, BAR13c]. **Profiling** [MSL13, LLLGR13, NSL11, STY⁺14].

program [AFG08, MF13].

Programmability [THA⁺12].

programming [ABI⁺09, BWS14, BvB13, BMM13, Gar05, LP09b, LAHS06, PÖG⁺13, SGDP12].

Programs [GHR15, LL15, LLP⁺17, MKR13, SPDLK⁺17, WCM⁺16, AFG08, BSB14, CSST08, CC13b, GNP06, KS13, NNS13, TKD07]. **Progress** [BHAC15].

Proof [MS13b]. **Proof-Based** [MS13b].

Propagate [GWM16]. **Propagation** [HLLL12, RS07]. **propagation-based** [RS07]. **Properties** [BBDR12, GZ12, CMA05].

property [KM09]. **Protecting** [KJK⁺17, LMW⁺17].

Protection [YC12, BCS⁺06]. **Protocol** [CCM17, GDA13, CHTC07, KASD07, PS04, YFPJ14]. **prototype** [GGGK08].

Prototyping [CS16, DSXS⁺14, Goe14, KPC⁺16].

Provably [AR14]. **Providing** [DLN13, LHX⁺14]. **provisioning** [LDRM12]. **Proximity** [LNA⁺15]. **prune** [DNNP14]. **Pruning** [SC05].

Pruning-based [SC05]. **Pseudorandom** [MFG16]. **Psi** [BGRV15]. **Psi-Calculi** [BGRV15]. **Public** [Shu16a]. **PUF** [CCKM16, CCM17]. **PUF-Based** [CCM17].

purpose [GKW08]. **Python** [LHM14].

QC [VOG15]. **QEMU** [MZG14]. **QoS** [PL10, ZLL⁺11]. **QR** [WL09]. **QRD** [SPC⁺16]. **Quadcopter** [SHL⁺17].

Quadratic [AGS⁺16]. **Quality** [CRCR13, LKH16, MST⁺16].

Quality-of-Service [MST⁺16].

Quality-Retaining [LKH16].

Quantitative [SD08, SR12b]. **Quantum** [MKAA17]. **quasi** [FZHT13]. **quasi-static** [FZHT13]. **Quasistatic** [PLKH08]. **query** [WTSR13]. **Queues** [GHR15]. **queuing** [RGSS04].

radar [BCG⁺07]. **radiation** [ZHCY13].

Radio [SRA12, ZLL⁺11, KXL10, LJR12].

Radio-Agnostic [ZLL⁺11]. **radiotherapy** [ZXCH13]. **RAID** [GIA11]. **RAIDs** [BD14].

RAIDs-on-chip [BD14]. **random** [KJRG13]. **Randomized** [ARP12]. **Range** [HHB⁺05]. **Range-free** [HHB⁺05]. **ranging** [PSZ12b]. **Rapid** [DSXS⁺14, KPC⁺16, LSC14, LP10, ZP09].

RapidIO [BCG⁺07, BCG10]. **RapidRadio** [SRA12]. **Rate** [AFMT17, BJM13, GNP06, SWT⁺14]. **ratio** [MEP08]. **ray** [ZXCH13]. **rays** [ZXCH13].

RCML [RHG⁺12]. **Re** [LLW⁺17].

Re-Fusion [LLW⁺¹⁷]. **Reachability** [BF17, BB13, JBCS16, MG15, ADI06].

Reactive

[JZL⁺¹⁵, Mos13, BCC⁺⁰⁸, CJMB05, GNP06].

Real [ARS16, AYS15, BMAB16, CQV⁺¹³, CKL04, CKGN14, CLS16, CQB⁺¹⁵, DHL17, DJZ13, FBM16, GAG15, GZZ⁺¹⁶, HSMS16, HFA⁺¹⁴, HHC^{+16b}, JBCS16, KSS16, dFMA^{dN12}, LZL15, LX16, MM16, MZG15, Pau14, PNRC17, RG14, SCG15, SMR15, SE10, SLCS16, SCS16, SLE⁺¹⁷, SGW⁺¹⁶, TSP15, TKT15, UBF⁺¹⁶, WMGR12, WHN⁺¹⁷, ZDZ14, ZJC⁺¹⁷, ZSJ12, AMCM06, AF14, AFL13, ABC⁺⁰⁷, ABI⁺⁰⁹, AFG08, BVGVEA10, BBL09, CMV10, CHK14b, CRJ10, CRM14, CHTC07, CCAP12, CRAJ10, DF14, DSW⁺⁰⁹, DW10, GNW05, HT06, HTLC10, HHB⁺¹², HCQ⁺¹⁴, KBDV08, KW10, KTT13, LSK⁺⁰⁸, LES14, LQN⁺¹³, LLR14, LHX⁺¹⁴, MMSN14, MEP08, MRY⁺¹⁰, MVS⁺¹³, MALM04, MAG14, MKD13, DWCM14, NNH⁺¹⁴, PMM⁺¹³, PAP⁺¹², PL10, PS10, QH07, RMM03, SP10, SKPL10, SL08, SE07, SC05, TM07, WMT12, WP11, WAD14, YK03, ZC04a]. **real**

[ZC04b, ZB13, ZX08, Zhu10, ZZZ⁺¹²].

Real-Time [ARS16, AYS15, BMAB16, CQV⁺¹³, CKGN14, CLS16, CQB⁺¹⁵, DHL17, DJZ13, FBM16, GAG15, GZZ⁺¹⁶, HSMS16, HFA⁺¹⁴, HHC^{+16b}, JBCS16, KSS16, dFMA^{dN12}, LZL15, LX16, MM16, MZG15, Pau14, PNRC17, RG14, SCG15, SMR15, SLCS16, SCS16, SLE⁺¹⁷, SGW⁺¹⁶, TSP15, TKT15, UBF⁺¹⁶, WMGR12, WHN⁺¹⁷, ZDZ14, ZJC⁺¹⁷, ZSJ12, CKL04, SE10, AMCM06, AF14, AFL13, ABC⁺⁰⁷, ABI⁺⁰⁹, AFG08, BVGVEA10, BBL09, CMV10, CHK14b, CRJ10, CRM14, CHTC07, CCAP12, CRAJ10, DF14, DSW⁺⁰⁹, DW10, GNW05, HT06, HTLC10, HHB⁺¹², HCQ⁺¹⁴, KBDV08, KW10, KTT13, LSK⁺⁰⁸, LES14, LQN⁺¹³, LLR14, LHX⁺¹⁴, MMSN14, MEP08, MRY⁺¹⁰,

MVS⁺¹³, MALM04, MAG14, MKD13, DWCM14, NNH⁺¹⁴, PMM⁺¹³, PAP⁺¹², PL10, PS10, QH07, RMM03, SP10, SKPL10, SL08, SE07, SC05, TM07, WMT12, WP11, WAD14, YK03, ZC04a]. **real-time**

[ZC04b, ZB13, ZX08, Zhu10, ZZZ⁺¹²].

receiver [KSK13]. **Reckoning** [TM15].

Reclamation [KJKM16]. **Recoding** [CD12]. **Recognition** [BJCHA17, GGJ12, ZRF⁺¹², KP13, NRL13, NPP13].

Reconfigurable

[ARDG16, DSXS15, PJWY12, RHG⁺¹², SP12, SSS11, STY⁺¹⁴, WRKG16, AVF⁺⁰⁹, Bec09, CIC⁺⁰⁸, CIC⁺⁰⁹, CMS08, CRM14, GD14, HMMA04, LPFG13, LS09, LP09b, NBGS09, NB04, PBV07, PCK⁺⁰⁸, RI04, SB08, SGDP12, VNK⁺⁰³, VHB⁺¹³].

Reconfiguration [FF09, WMGR12, GNS04, HMM04, HKVI05, HPLD09, LJR12, LPFG13, PAS⁺⁰⁹, ZBCM09].

Reconfigurations

[Kha13, KML13, ZSJ12, CRM14]. **ReconOS** [LP09b]. **Reconstruction** [HW17].

Records [LMW⁺¹⁷]. **Recovering**

[CRAJ10]. **Recovery**

[HPS13, LJLT17, FO03]. **REDEFINE**

[AVF⁺⁰⁹]. **Redirection** [MST⁺¹⁶]. **reduce** [CRM14, LOXL13, Mus03, YFPJ14].

Reducing [BB13, CW14, CKIR06, JHK⁺⁰⁶, MV16, UCK⁺⁰⁹, ZKKC05, ZTD⁺⁰⁶, ZA07, CSK⁺⁰²]. **Reduction**

[LCLW17, SLN⁺¹⁶, TBDdD11, ZZX⁺¹⁵, CDD⁺⁰⁷, HXZ⁺¹³, LS13, PLKH08, ZXS03].

Redundancy [BB13, TTAG14, YZA13].

Redundant [NWA12, MB10]. **references** [HT06]. **Refinement**

[DJZ13, MS13b, HDR⁺⁰⁶, RS07]. **Refining**

[NS17]. **Reflexes** [SPP⁺¹⁰]. **Region**

[ZWH⁺¹⁶]. **Region-Wide** [ZWH⁺¹⁶].

regions [LA11]. **Register**

[AP09, FND⁺¹⁶, LOXL13, TBDdD11, YC16, CKIR06, HABT11, LS13].

Register-to-Register [FND⁺¹⁶]. **registers** [LOXL13]. **regression** [BMS13]. **Regular**

[Shu15c, CMA05, MRT13]. **Regularity** [LC17]. **Regularity-based** [LC17]. **regulation** [YFPJ14]. **reinforcement** [PCBW13]. **Reinforcing** [WXY⁺17]. **ReKeying** [DS11]. **Related** [CR14, Shu15c]. **relation** [VAHC⁺06]. **Reliability** [BHD15, BDG⁺15, KRS⁺16, MB10, PRK15, SRNW16, Zhu10, CYKH13, RP11]. **Reliability-Aware** [KRS⁺16, Zhu10]. **Reliable** [AMKA17, GMOB13, DKV14, LHX⁺14, SKH⁺12, TTAG14]. **Remanence** [SZL⁺17]. **remapping** [RP03]. **Remote** [BVGVEA10, IFA⁺16, LCQ⁺13]. **Remove** [MM16]. **renewable** [MKD13]. **ReNoC** [SSS11]. **rental** [JKH⁺13]. **reordering** [GRVD12]. **reorganization** [LCJ13]. **replacement** [RG13]. **replay** [RAK14]. **replication** [FS14]. **Reporting** [MWF⁺16]. **Representation** [CAP15, NWA12, YLW15, TKD07]. **Representative** [LLW⁺17]. **reprogrammable** [PO05]. **reprogramming** [DLC⁺14]. **Requirement** [HPP17, LPFL16, LLN⁺14]. **Requirement-Aware** [HPP17]. **requirements** [GFC⁺10, UCK⁺09]. **requiring** [KHHH14]. **rerouting** [SJRS⁺13b]. **Research** [BMB16, Shu15a]. **reservation** [WAD14]. **Resilience** [SK13, SHME13]. **Resilient** [HFA⁺14, IPL16, MST⁺16, RAK14]. **Resistance** [YGW⁺12, DLN13]. **Resistant** [WH17]. **resolution** [GJ13, PO05]. **Resonance** [CPP⁺17]. **Resource** [BMF15, DWRR14, KKCS16, LX12, LC17, LZJ17, REPL15, TLBM15, ZGZ15, AF14, BMM13, CHCC13, FF09, GFC⁺10, HE12, MPZS13, TSG10, UCK⁺09, WRJL06, Wu10, ZB13, ZMB03, ZLF13]. **Resource-Aware** [TLBM15]. **Resource-Constrained** [KKCS16, TSG10, UCK⁺09]. **resource-driven** [CHCC13]. **resource-limited** [Wu10]. **Resources** [SP12, NBGS09]. **response** [FF09]. **responsive** [SPP⁺10]. **Respringing** [TBCB15]. **restricted** [LYL13]. **results** [GT05]. **Retaining** [LKH16]. **retargetable** [RDM06]. **Retargeting** [MFMA17]. **Retention** [JRR16]. **retiming** [XHSS10]. **Retrieval** [KNL12]. **Reuse** [DPNA16, BCS⁺06, HKVI05]. **Revisited** [BBDR12]. **rewards** [RMM03]. **ReWire** [PHG⁺17]. **RF4CE** [LCQ⁺13]. **RF4CE-based** [LCQ⁺13]. **RFID** [WH17]. **Rider** [MFMA17]. **Rigorous** [JKH⁺13, NBM⁺16, STW13]. **ring** [BP14, CTK⁺13]. **ring-mesh** [BP14]. **Risk** [RHG⁺14]. **Risks** [Shu17b]. **Robot** [LWZ⁺16]. **Robust** [CQB⁺15, CHTC07, CAPL11, KKL⁺16, PCM12, PSZ12a, SCF12, ISE10, MRT13]. **Robustness** [ZSM13]. **ROSES** [WCJ07]. **Rotation** [SPC⁺16]. **Rotation-Based** [SPC⁺16]. **router** [YZA13]. **Routing** [LLT⁺17, CCY⁺13, JGD⁺09, PS08b, SJRS⁺13a]. **RQNoC** [MST⁺16]. **RSA** [KHHH14]. **RT** [DSB17]. **RTL** [CMK12]. **RTOS** [DHL17, HDR⁺06, TBFR17]. **RTOS-Aware** [DHL17]. **RTSJ** [ZW10]. **Rule** [GZZ⁺16, FZHT13]. **rule-based** [FZHT13]. **Rules** [STH17]. **run** [BCS⁺06, GNS04, HMM04]. **run-time** [BCS⁺06, GNS04, HMM04]. **Runs** [ACR17]. **RunStream** [KPC⁺16]. **Runtime** [BMF15, DAHM16, DSXS15, HHC⁺16b, KML13, MWS15, MBKF15, TDD⁺16, WCM⁺16, ZJC⁺17, CCY⁺13, LOG⁺14, LPFG13, MPZS13, MF13, PB14, SB08, STY⁺14, YCNCC11, ZBCM09, AVF⁺09]. **S3PR** [WWY13]. **SA** [GQC⁺17]. **SAFE** [ZCS⁺05]. **SAFE-OPS** [ZCS⁺05]. **Safely** [SWL07]. **Safety** [BHAC15, GZ12, IPL16, PJJ⁺14, RS07, YLW15, ASTPH10, CMA05, DKAL05]. **Safety-Critical** [IPL16, PJJ⁺14, ASTPH10]. **Salesman** [Ahm13]. **Sample** [LYY⁺17]. **satellite**

[MB10]. **Saving** [LKH16, ISG03]. **savings** [SVN04]. **Scalability** [HPBL12, Bec09]. **Scalable** [AGS⁺16, HPLD09, MBR15, PYJL15, SE07, KYHY14, LCJ13, RGdZS14, SAHE04, TLLL09]. **Scale** [CJL17, HHB⁺05, PS08b]. **Scaling** [CRCR13, JRR16, YGW⁺12, MMR⁺10]. **scenarios** [Gei10]. **Schedulability** [ARS16, AFMT17, MEP04, PEP05, ZB13, AF14, AFL13, BC07]. **Schedule-driven** [PEP05]. **schedule** [QH07, SAHE04]. **scheduled** [DF14, ZB13]. **schedulers** [SMG04]. **schedules** [KMB07, SKPL10]. **Scheduling** [ARS16, AKTM16, BMAB16, CPC17, CC13a, CAPL11, DBM⁺15, DSB17, FHB⁺17, GWZ16, HSMS16, HDR⁺06, HTC⁺16, IPEP12, JCW⁺16, JZL⁺15, LLN⁺14, LX16, LLZ⁺17, MG15, SMW⁺17, SLCS16, TGV12, TBG⁺17, TLBM15, WHN⁺17, ZGZ15, BvB13, CCAP12, DKV14, FZHT13, GNW05, HGL14, IHK04, JP14, KBDV08, LP10, LES14, LQN⁺13, MTL14, MBFSV07, MALM04, MKD13, NBGS09, NB04, PW13, RGSS04, SL08, SC05, TTAG14, WRJL06, XQ07, XHSS10, YK03, ZW10, ZC04a, ZM07, ZC08]. **Scheme** [DS11, KJKM16, KCC⁺16, LX12, LLT⁺17, PC14, PJS15, YCT16, ABS02, BS13a, CHCC13, CTK⁺13, JKJ⁺10, VS08, WSK14]. **Schemes** [BSJ15, HPO⁺15, HL14, SKPL10]. **Schizoid** [Shu15d]. **schizophrenic** [YKK⁺13]. **Science** [Shu16c]. **SCOPES'09** [FM12]. **ScorePlus** [TSY⁺16]. **SCPS'09** [DSD12]. **scratch** [ABS02, NDB09, UDB06]. **scratch-pad** [NDB09, UDB06]. **scratch-pad-based** [ABS02]. **Scratchpad** [JLW⁺15, KBS17, LXK10, BCDH12, CC13a, ELS08, HZX⁺14]. **screening** [GJ13]. **Scriptable** [MWF⁺16]. **SDC** [LJLT17, LLP⁺17]. **SDC-causing** [LLP⁺17]. **SDF** [TBG⁺13]. **SDRAM** [SJC⁺03, TVK08]. **Sea** [LYL13]. **Seamless** [WJ17, ISE10]. **search** [PCBW13, TSWL10, VSSS13]. **second** [NPP13]. **secret** [CNK04]. **Section** [BCEP12, FGIS12, FM12, KM13, NKS12, PS14, Pla12, SRNW16, CP13a, CC14, CP13b, DV13, DSD12, Edi13, Hüb13, JLSK13, PCB12, STW13]. **sector** [LPC⁺07]. **Secure** [AARJ12, CCM17, JEP16, LJR12, LMW⁺17, MCP17, MKAA17, PS08b, PHG⁺17, SYC⁺17, TNR17, YGD⁺17, Geb04, Geb06, ISTE08]. **Securely** [WXY⁺17]. **Security** [AYS15, CPP⁺17, CFXY17, GQC⁺17, MCS⁺15, PNRC17, RRKH04, Shu15b, Shu16b, Shu16d, Shu17b, Shu17c, WGP04, ZYL⁺17, CVG⁺13, PS04, SL04, VS08, XQ07, ZCS⁺05]. **Security-Aware** [GQC⁺17]. **Security-Critical** [ZYL⁺17]. **Segment** [HSMS16, TBEP16]. **Segment-Based** [HSMS16]. **Segmentation** [GGJ12, VAR13]. **seizures** [MVS⁺13]. **Selection** [KAKSP15, ZRF⁺12, BMS13, LSC14, LXL13, SWT⁺14, SBX08]. **Selective** [CSCC17, KKL⁺16, LLPM07, Gar05]. **Self** [BLG⁺15, BHET04, DJS16, DEG11, GLT⁺13, GNR⁺10, WYJ⁺14, Wu10, ZVL04]. **self-adaptive** [DEG11]. **self-adjusting** [Wu10]. **Self-aware** [DJS16, GNR⁺10]. **Self-Configuring** [BLG⁺15, BHET04, GLT⁺13]. **Self-Testing** [BLG⁺15, GLT⁺13]. **self-tuning** [WYJ⁺14, ZVL04]. **Semantic** [LWZ⁺16]. **Semantics** [BB13, BV15, CSST08]. **Semantics-preserving** [CSST08]. **Semi** [HSMS16]. **Semi-Partitioning** [HSMS16]. **semiring** [YRF10]. **semiring-based** [YRF10]. **Sensing** [HTR⁺16, LLW⁺17, LNA⁺15, MSR⁺12, WTSR13, YGHS08]. **sensitive** [BO13]. **Sensitivity** [RG13, YGD⁺17]. **Sensor** [ABC⁺17, DS11, GM12, GGJ12, HB16, IPL16, McI13, MAGR15, TSW⁺17, ZRF⁺12, ZZX⁺15, ZH12a, ZLL⁺11, ZO16, ZC04c, BS13b, CTK⁺13, DLN13, DLC⁺14, GHZH14, HBSA04, HHB⁺05, KHZS07,

KAK05, KXL10, KLC⁺10, LN04, LLLGR13, LAHS06, MLV09, PS04, PS08a, PS08b, SM13b, SGDP12, VGG⁺13, WYP⁺10, YGHS08, ZH12b, ZWY⁺10, ZLF13].

Sensors [DL12, PP12, WJ17, CNC13, LYL13, NRL13].

Sentries [Shu16b]. **Sequence** [ZW13].

Sequentialization [GHB13, MKR13].

Serialization [WCM⁺16]. **Serial** [LS17, RMH04a]. **server** [MALM04].

Service [LAZ⁺16, MST⁺16, BDP⁺13, LCJ13, WP11].

Services [JCW⁺16, KBCL13, PCBW13, SRY13, WTSR13]. **Set** [Fra12, AC08, LLPM07, MBFT09, RDM06, RMD09]. **Sets** [BB15]. **SFA** [PC14]. **SHA256** [GWM16].

Shader [YC16, YW13]. **Shading** [BCS16].

shadowing [LHX⁺14]. **Shamir** [VS08].

shapers [WMT12]. **shaping** [RC08].

Shared [CH08, KRS⁺16, NS16, SP12, LPB06, PLKH08, SE10]. **shared-memory** [LPB06]. **Sharing** [LZJ17, RKK15, BZ13, MSB08, PS08b, ZB13].

Shortest [GNW05]. **Shortest-path** [GNW05]. **should** [GT05]. **Side** [GW15, GWM16]. **Side-Channel** [GW15, GWM16]. **sifting** [AP09]. **Signal** [HW17, SRA12, ZO16, AMN⁺14, GJ13].

Signature [HPO⁺15, DLN13]. **signature-based** [DLN13]. **Signatures** [ABC⁺17, AYS15, MKAA17]. **Silicon** [MSCS16, THA⁺12, AKB14]. **SIMD** [FSC⁺16]. **similarity** [HE12, LLR14].

Simon [AMKA17]. **Simple** [SEB12].

Simplex [JBSC16]. **Simulating** [WRKG16].

Simulation [GD14, RG14, VF17, WMLA16, ZJC⁺17, MMSN14, RDM06, RMD09].

Simulation-based [GD14]. **simulator** [CMP⁺07]. **Simulators** [Fra12, SWL⁺14].

Simulink [DP08, HYY⁺15, TSCC05].

Simultaneous [LRZ16, TTAG14, OOAL06].

simultaneously [LOXL13]. **Single** [MM16, PC14, ZW17, KMB07].

single-appearance [KMB07]. **Sink** [LLT⁺17]. **Sink-Location** [LLT⁺17]. **SIPF** [SYC⁺17]. **Siphons** [CL13, ZW13]. **size** [CKIR06, LSK⁺08, NP04, NDB09, ZMB03, ZXS03]. **Skiing** [VS05]. **Sleep** [JRR16]. **Sleep-Mode** [JRR16]. **Sliding** [GW15]. **Slotless** [PAS⁺09]. **Small** [SRG⁺15, Shu16c]. **Smart** [BCS16, BSJ15, DJS16, HDG⁺14, LLT⁺17, MFG16, SCRY16, TSY⁺16, VP16, CHCC13, DEG11, DZR09, Edi14, LWK⁺10, MSCJ12, SCF12]. **SmartLMK** [KJKM16]. **Smartphone** [GW15]. **smartphones** [SKK⁺14]. **SMT** [PMM⁺13]. **Snake** [BCS16]. **Snake-like** [BCS16]. **Snapshot** [LLN⁺14]. **SoC** [DJS16, JM06, JBN⁺13, KKO⁺06, LHM14, PÖG⁺13, TKL⁺15, YCNCC11]. **Social** [ZYM16, ZYL⁺17]. **Socioecological** [LAZ⁺16]. **SoCs** [DSXS⁺14, ISE10]. **Soft** [FND⁺16, KKL⁺16, KJK⁺17, LJLT17, TP16, WMGR12, HLD⁺09, MMSN14, MEP08, SM13a]. **soft-object** [MMSN14].

Software [CAP15, CMP17, Dea06, DBFH14, GLC07, JNI15, KE15, KKL⁺16, LS13, LBS15, MBLA16, PJS15, SWJ⁺13, SD13, TSY⁺16, TBDdD11, YGD⁺17, ZQC16, ARJ11, BCLN13, BS13a, BMS13, CMV10, CSVA⁺05, DZR09, FRRJ07, FZJ08, HG09, HFG13, HQB06, HKLH05, JM06, KMB07, KASD07, LOG⁺14, LJR12, LWK⁺10, MRT13, MLV09, OP06, PGR⁺08, RP11, Sch07, Sch10, SMG04, SE07, SVN04, SBF⁺05, ZCS⁺05, ZXS03]. **Software-Based** [KKL⁺16, LS13]. **Software-Controlled** [JNI15]. **software-defined** [LJR12]. **Software-Hardware** [TSY⁺16]. **software-only** [BS13a]. **software-pipelined** [ZXS03]. **Solar** [JC12, MBB⁺15, TSW⁺17]. **Solar-Powered** [TSW⁺17, MBB⁺15]. **solid** [CCH13, CW14]. **solid-state** [CCH13, CW14]. **solution** [MTL14, ZHCY13]. **Solutions** [SEB12, SSH14]. **Solver** [CWJ17]. **SOS** [YLW15]. **Source**

[MFMA17, MF12, CCA⁺13, FRRJ07]. **Source-Level** [MFMA17, MF12]. **Sourced** [DBFH14]. **sources** [MKD13]. **Space** [CAP15, CCC⁺17, KCC⁺16, OFA⁺15, PSZ12a, SLB⁺15, BSKB⁺09, BFCQ10, BCG⁺07, JBN⁺13, KK05a, KASD07, LM13, MPZS13, OP06, RP03, VAR13]. **Space-Efficient** [KCC⁺16, KASD07]. **space-filling** [BSKB⁺09]. **space-oriented** [KK05a]. **sparing** [TTAG14]. **Sparse** [LYY⁺17]. **spatial** [BvB13, GFC⁺10]. **Spatio** [SRNW16]. **Spatio-Temporal** [SRNW16]. **Speaker** [BJCHA17]. **Special** [BBM15, CS16, CKGN14, CJL17, DPP14, DSXS15, EE16, FGIS12, FX17, GM03, IT16, JC03, KBCL13, KM13, MCP17, NKS12, DWCM14, PS14, Pla12, RHG⁺14, Shu15c, VP16, WX17, ZQC16, BM13, CP13a, CC14, CP13b, DV13, DSD12, Edi13, GP07, HCK⁺08, HTLC10, Hüb13, JB02, JB03, JLSK13, KS10, MS05, PCB12, Sch07, STW13, BCEP12, FM12, Goe14, Gup04, KL13, LB04, SL04, ST05, TEC12]. **specially** [ZWY⁺10]. **Specific** [DASS12, LWZ⁺16, MFMA17, PSZ12a, SXXS⁺16a, TBFR17, BM13, yCBR05, JHPR13, RC08, WP11, XWHC06]. **Specification** [MS13b, BGVZ11, CD10, GHB13, KW10]. **Specifications** [CMK12, OFA⁺15, Gar05, MD04, ZNS13]. **Speck** [AMKA17]. **Speculating** [Mus03]. **Speculation** [PCM⁺15]. **speculative** [MF13]. **speech** [KP13]. **Speed** [HW17, BBL09, KT14, LLC⁺13, RV07, SD08]. **speed/accuracy** [SD08]. **speedups** [SVN04]. **Spilling** [TBDdD11]. **Spin** [ZBCM09]. **Split** [SBR⁺15, Geb06]. **split-mask** [Geb06]. **SPM** [TDD⁺16]. **SPMPool** [TDD⁺16]. **SPN** [LCLW17]. **Sporadic** [FHB⁺17, Bar13a, HGL14]. **Squared** [CLS16]. **SRAM** [JRR16, JRSR17]. **SSDs** [CSW15, CLL16, HC16]. **SSI** [BBDR12]. **SSP** [WBF⁺06]. **Stability** [ORA16, REPL15]. **Stable** [CLL16, SWWW17]. **Stack** [ZDZ14, MSB08, RRW05]. **stacked** [HL14]. **stage** [DBH14]. **Standard** [ABC⁺17, MWF⁺16]. **Standard-Compliant** [MWF⁺16]. **standby** [TTAG14]. **standby-sparing** [TTAG14]. **State** [CHS15, DQ14, WRB15, CCH13, CW14, WGP04]. **State-of-the-art** [WGP04]. **statecharts** [MS13a]. **Stateless** [MKAA17]. **statements** [YKK⁺13]. **states** [ISG03]. **Static** [BCS16, CYH⁺17, DHKS15, SMR15, SWL07, SAMR06, SLCS16, TBFR17, WCM⁺16, ZMB03, FZHT13, SHME13, ZTRC03]. **static-power-efficient** [ZTRC03]. **Statistical** [Fra12, MKR13, SGT⁺13]. **Statistics** [CNK04]. **Stealing** [LNA⁺15]. **STEAM** [HDG⁺14]. **Step** [WZH13]. **Stereo** [HLLL12]. **STM** [CQB⁺15]. **Stochastic** [AH13, MEP04, ÖNG08]. **Stop** [Val17]. **Storage** [CCC⁺17, KCWH14, Kwo16, SWJ⁺13, SR12a, SCRY16, WT15, YCT16, BCLN13, CKL04, CWKH12, CYKH13, MRY⁺10, WKC07]. **strands** [SWL07]. **Strategies** [LS17, ISG03]. **Strategy** [CSCC17]. **Stream** [KPC⁺16, MG15, MV16, MCM⁺17, PNRC17, SWWW17, CC13b, DSW⁺09, GHB13, HE12]. **Streaming** [MASG15, TBG⁺17, ZSJ12, HFG13, HHB⁺12, LO13, MAG14, ZNS13]. **Streams** [HHC⁺16b]. **stress** [WGP13]. **string** [LHCK04]. **string-matching** [LHCK04]. **Structure** [ZO16]. **Structured** [CD12]. **Structures** [PqBM⁺15]. **STT** [ZBCM09]. **Stubborn** [BB15, Val17]. **Study** [SZL⁺17, DEG11, LHM14, MSS⁺03, MSH⁺14, SKW⁺07, SPK⁺12, VJD⁺07, VDK⁺08]. **Subject** [PSZ12a]. **Subspace** [LYY⁺17]. **subsystem** [KYL13]. **Sufficient** [ARS16]. **suite** [GGGK08]. **Suites** [SPDLK⁺17]. **Superblock** [JKJ⁺10]. **superblock-based** [JKJ⁺10]. **SuperCISC**

[JHK⁺06]. **superperfect** [LXK10]. **supervisor** [ZS05]. **Supervisors** [WWY13]. **Supervisory** [DSB17]. **Supplemental** [TEC12]. **Supplements** [Ano13, Ano14]. **Support** [ZJC⁺17, HT06, NB04, PZ12, SJRS⁺13a, VGG⁺13]. **Supported** [ZP11, ZSM13]. **Supporting** [DSXS⁺14, LDV12, SSH14]. **Surrounding** [LNA⁺15]. **surveillance** [MSCJ12]. **Survey** [AH13, BMAB16, BJCHA17, BMP03, WEE⁺08]. **SViT** [XHK16]. **SViT-Based** [XHK16]. **SVM** [CWJ17]. **Switchable** [CI17]. **Switched** [AGS⁺16, LS09]. **switches** [SMG04]. **Switching** [BF17, NNH⁺14]. **Sybil** [DBFH14]. **Synching** [CSCC17]. **Synchronization** [BGJ17, WXY⁺17, ZGZ15, AAPN14, CRJ10]. **synchronized** [GHZH14]. **Synchronous** [BMM13, DHKS15, Gei10, SIR⁺17, BSB14, CSST08, CC13a, QP03, TBG⁺13, ZM07]. **Synthesis** [BF17, BRL16, yCBR05, CFGM15, CDH⁺16, KMP15, LPFL16, SXXS⁺16a, TBFR17, VRF15, BAR13b, BAR13c, CCA⁺13, FZK⁺10, GM03, HG09, HFG13, HVG13, KMB07, MRT13, QP03, SPK⁺12, ZS05]. **Synthesizing** [LEPP13]. **Sysfier** [RBS⁺10]. **System** [AKTM16, BBM15, BFQ10, CD12, DJS16, GIB⁺12, HB16, IT16, JC12, KSP⁺12, LX12, LWK⁺10, LYH⁺15, MSCJ12, MWS15, NBM⁺16, QP03, RG14, SGT⁺13, SCRY16, SHL⁺17, SVZ13, WT15, YCLV⁺02, ZYM16, ZYL⁺17, ZX08, AMCM06, BE10, BDP⁺13, BJM13, CWKH12, CSK⁺02, CHK14b, Dea06, FRRJ07, LJ14, GGGK08, HQB06, HVG13, Hüb13, JBN⁺13, KCG⁺05, KZH⁺06, KGR12, LCQ⁺13, LKW02, LHCK04, MSS⁺03, MSL13, NPP13, NNH⁺14, PK13, PSZ12b, SVP05, Sev05, SPK⁺12, STY⁺14, TTAG14, TSBY13, VJD⁺07, VDK⁺08, VNK⁺03, WAD14, YDLC10a, ZHM⁺14]. **system-driven** [FRRJ07]. **System-Level** [LYH⁺15, NBM⁺16, ZYM16, ZYL⁺17, MSCJ12, SGT⁺13, YCLV⁺02, JBN⁺13, MSS⁺03, MSL13, VJD⁺07, VDK⁺08]. **system-on-a-chip** [VNK⁺03]. **System-on-Chip** [DJS16, GIB⁺12, CHK14b, HQB06, Hüb13, TSBY13]. **System-on-Chips** [LX12]. **System-wide** [ZX08]. **System/network** [BFQ10]. **systematic** [JHPR13]. **SystemC** [CMK12, FZK⁺10, MWF⁺16, RBS⁺10, RSB⁺09, SL16, SWL⁺14, WMLA16]. **SystemC/C** [RSB⁺09]. **SystemC/C-based** [RSB⁺09]. **systemj** [MSCJ12]. **Systems** [AFS⁺13, AGS⁺16, AFMT17, AB15, BHAC15, BMAB16, BF17, BGJ17, BLG⁺15, BP12, BV15, CS16, CQV⁺13, CKGN14, CCC⁺17, CQB⁺15, DAHM16, DWRR14, DHL17, DJZ13, DLH16, DBFH14, DQ14, DJS16, EVS⁺17, GLP⁺11, GZ12, Goe14, HSMS16, HPP17, HFA⁺14, HHC⁺16a, HZX15, Ise17, IPL16, IPEP12, JLW⁺15, JZL⁺15, JEP16, KSS16, Kha13, KSP⁺12, KCC⁺16, KNL12, LDV12, LS12, dFMA_dN12, LZL15, LWZ⁺16, LLN⁺14, LX16, LLZ⁺17, MLL⁺17, MBKF15, MS13b, Mos13, NDZ13, OBSO16, PXY⁺17, PCM⁺15, PqBM⁺15, PLM⁺15, QZXO14, REPL15, RHG⁺12, RRM16, RHG⁺14, SMW⁺17, SCG15, SMR15, SR12b, SZL⁺17, Shu15a, Shu15d, Shu16a, Shu16c, Shu16d, SXXS⁺16b, SCS16, SLE⁺17, TSP15, TGV12, TFL16, VP16, WMGR12, WDY⁺16, WRKG16, WMLM12, XKK17, YC12, YLW15, YCT16, ZYM16, ZYL⁺17, ZJC⁺17, ZQC16, ARJ08, ARJ11, ASTPH10, AF14]. **systems** [ADI06, AFL13, ABS02, AEF⁺14, BYD09, BCDH12, BWS14, BP05, Bar13a, BCC⁺08, BMM13, BBL09, BCS⁺06, BFQ10, BCG⁺07, BHET04, CMA05, CCA⁺13, CSVA⁺05, CKL04, CWKH12, CYKH13, CCY⁺13, yCBR05, CRJ10, CJMB05, CRM14, CGV10, CVG⁺13, CHTC07, DKV14, DDG⁺13, DF14, DEG11, DW10, DRL⁺10, ELS08, ESAS14, FZJ08, FS14, FC13, Geb06, GJ13, GMOB13, GD14, GRCV03, GT05, GM03, GNR⁺10,

Gup04, GKW08, HCK⁺⁰⁸, HKP08, HTLC10, HLD⁺⁰⁹, HQB07, HCQ⁺¹⁴, Hüb13, ISG03, JLSK13, JKH⁺¹³, KST⁺¹², KBCL13, KKH⁺¹², LB04, LDRM12, LMST04, LSK⁺⁰⁸, LK10, LWB13, LP09a, LLR14, LPFG13, LOXL13, LHX⁺¹⁴, LHM14, MBFSV07, MRY⁺¹⁰, MSB08, MLL08, MKD13, MSL13, NKP⁺¹², NDB09, PLKH08, PEP05, QH07, RP03, RV03, RS07, RRRH04, RSB⁺⁰⁹, SWT⁺¹⁴, Sch07, SE10, SAHE04, SRS03, SL04, SJC⁺⁰³, ST05, Shu14b].

systems [STW13, SVN04, SC05, SBF⁺⁰⁵, TRJ05, TM07, TXL⁺¹², TKG13, TSG10, TVK08, VAHC⁺⁰⁶, VS05, VHB⁺¹³, VGG⁺¹³, WMT12, WP11, WLT12, WRJL06, WKC07, Wu10, WMZY13, XQ07, YDLC10b, YRS12, YK03, ZC04b, ZVL04, ZVN05, ZSM13, ZB13, ZP09, Zhu10, ZZZ⁺¹², ZC08, KL13].

Systems-on-Chip [WRKG16, GNR⁺¹⁰].

systolic [WL09].

Table [WLWS15, YCLV⁺⁰²]. **Tail** [LJLT17]. **Tail-DMR** [LJLT17]. **Taiwan** [HKLH05]. **target** [ZC04c]. **Task** [AR14, CPC17, dFMAAdN12, MTL14, MEP08, QP15, RN14, SMW⁺¹⁷, SMR15, SGW⁺¹⁶, TLBM15, WHN⁺¹⁷, ZW17, Bar13a, DKV14, ESAS14, LK10, LQN⁺¹³, MEP04, TTAG14, WBS10, ZP09, ZZZ⁺¹², ZC08, TBG⁺¹⁷].

Task-FIFO [TBG⁺¹⁷]. **Tasks** [ARS16, FHB⁺¹⁷, LLZ⁺¹⁷, MBP14, WHN⁺¹⁷, GNW05, HGL14, LP10, MALM04, SPP⁺¹⁰, XQ07, ZC04a, ZX08].

taught [GT05]. **Taxicab** [ZWH⁺¹⁶]. **TBES** [CDH⁺¹⁶]. **TDES** [DSB17]. **Team** [HB16].

Technique [HPS13, LX16, BMS13, JGD⁺⁰⁹, ÖNG08, RP11, RMD09, ZXS03].

Techniques [JEP16, KKK⁺¹¹, KKL⁺¹⁶, KDN⁺⁰⁷, LEPP13, LBS15, SWJ⁺¹³, AP09, AFL13, BMP03, ESAS14, KM09, KK05b, SAYN09].

Technologies [ZQC16, BMP03, HTLC10, WP11].

technology [DWCM14, SBF⁺⁰⁵]. **TECS** [TEC12, CJL17]. **telecom** [YCLV⁺⁰²].

Temperature [HDG⁺¹⁴, JLW⁺¹⁵, HCQ⁺¹⁴, KT14, LOXL13, TSBY13].

Temperature-Aware [JLW⁺¹⁵].

temperature-based [KT14]. **Template** [CDH⁺¹⁶]. **Template-Based** [CDH⁺¹⁶].

Temporal [AFS⁺¹³, BTL⁺¹², LC17, LLN⁺¹⁴, SRNW16, BvB13]. **Ten** [PL13].

Term [JC12, DLC⁺¹⁴]. **terminals** [ISTE08, ISE10]. **TESLA** [LN04]. **Test** [CMK12, SPDLK⁺¹⁷, TSW⁺¹⁷, BMS13, KM09]. **Testing** [BLG⁺¹⁵, BSV17, FMSS15, GLT⁺¹³, WLT12, BSV17]. **Tests** [MKR13].

Theoretic [SR12b, CAP⁺⁰⁷, SPK⁺¹²].

theoretical [MTL14]. **Theory** [CCKM16, Cul13, HB16, KMP15, MHT13, WDY⁺¹⁶, MRT13, BSKB⁺⁰⁹].

Thermal [ARS16, DAHM16, FS13, HFA⁺¹⁴, HH13, LQN⁺¹³, CCY⁺¹³]. **Thermal-Aware** [FS13, HH13, LQN⁺¹³].

Thermal-Resilient [HFA⁺¹⁴]. **Things** [BGJ17, RRM16, Shu15a]. **Thou** [Shu15b].

Thread [PLM⁺¹⁵, ZP11, CRAJ10, Dea06, KASD07, SD13]. **thReads** [LKB14]. **threat** [Geb04]. **Threshold** [GWZ16]. **Thresholds** [ZGZ15]. **Through-Silicon** [MSCS16].

Throughput [HG09, HFG13, HCQ⁺¹⁴, LS17, LX16, MCM⁺¹⁷, THON12, WBS10].

throughput-constrained [WBS10].

Throughput-driven [HG09].

Throughput-memory [HFG13]. **Thru** [SYC⁺¹⁷]. **Tiered** [MBB⁺¹⁵, GJ13]. **tight** [VLX07]. **Tightening** [RM10]. **tile** [Mus10].

tile-based [Mus10]. **tiling** [KK05a]. **Time** [ARS16, ACR17, AYS15, BMAB16, BBB16, BB13, BB15, CQV⁺¹³, CKGN14, CLS16, CQB⁺¹⁵, DHL17, DJZ13, EVS⁺¹⁷, FBM16, GAG15, GZZ⁺¹⁶, HSMS16, HFA⁺¹⁴, HHC^{+16b}, JBCS16, KSS16, KCJ⁺¹⁶, KJKM16, KMP15, dFMAAdN12, LZL15, LX16, MM16, MZG15, NPAG12, Pau14, PNRC17, REPL15, RG14, SCG15, SMR15, SLCS16, SCS16, SLE⁺¹⁷, SGW⁺¹⁶, TSP15,

TKT15, UBF⁺¹⁶, WMGR12, WHN⁺¹⁷, WZ12, ZDZ14, ZJC⁺¹⁷, ZSJ12, AC08, AMCM06, AF14, AFL13, ABC⁺⁰⁷, ABI⁺⁰⁹, AFG08, BVGVEA10, BBL09, BCS⁺⁰⁶, CMV10, CKL04, CHK14b, CRJ10, CRM14, CHTC07, CCAP12, CRAJ10, DVC⁺⁰⁷, DF14, DSW⁺⁰⁹, DW10, GNW05, GHB13, GNS04, HMM04, HT06, HTLC10, HHB⁺¹², HCQ⁺¹⁴, KBDV08, KW10, KASD07, KTT13, LSK⁺⁰⁸, LES14, LQN⁺¹³, LLR14, LHX⁺¹⁴, MMSN14, MEP08, MRY⁺¹⁰, MVS⁺¹³, MALM04, MAG14, MLL08, MKD13, DWCM14]. **time** [NDB09, NNH⁺¹⁴, PMM⁺¹³, PAP⁺¹², PL10, PS10, QH07, RMM03, SE10, SP10, SKPL10, SL08, SE07, SC05, TM07, TTAG14, TSCC05, UDB06, WMT12, WP11, WAD14, WEE⁺⁰⁸, YZ08, YK03, ZC04a, ZC04b, ZB13, ZX08, Zhu10, ZZZ⁺¹²]. **time-aware** [GHB13]. **time-portable** [ABI⁺⁰⁹]. **Time-Triggered** [BBB16, NPAG12]. **Timed** [Ise17, BS13b]. **Timely** [SHL⁺¹⁷]. **timeout** [KR14]. **times** [DW10, MEP04]. **Timing** [MBKF15, SK13, TM07, TBEP16, AEF⁺¹⁴, CCB⁺⁰⁶, LLR14, MMR⁺¹⁰, TSBY13, VLX07, YRF10, SAMR06]. **Tiny** [GRCV03]. **TinyOS** [GLC07, McI13, MLV09]. **TIOA** [KSS16]. **TLC** [Kwo16]. **TLC-Based** [Kwo16]. **TLM** [BFQ10, CMK12, LLC⁺¹³]. **Tolerance** [MAGR15, XKK17, AFG08, ZC04b]. **Tolerant** [BHD15, CPC17, DSB17, IPEP12, MCP17, SSH14, BGD14, JGD⁺⁰⁹, LLR14, PS08a, PAP⁺¹², RMH04b, VSSS13]. **Tomahawk** [AMN⁺¹⁴]. **Tool** [BKMG12, BGRV15, BMB16, MFMA17, CCA⁺¹³, GGK08, IBMK10, LAN06, PJL⁺¹⁴]. **tools** [LP09a, WEE⁺⁰⁸]. **Toolset** [LL15]. **Topologies** [BCS16]. **torque** [ZBCM09]. **Trace** [LL15, MZG14, UM13]. **Trace-Based** [LL15]. **Traces** [CMP17, MZG15]. **tracing** [ZXCH13]. **tracking** [ZHM⁺¹⁴]. **Tractable** [AF14]. **Trade** [CRCR13, IPEP12, LDV12, MCM⁺¹⁷, ZRF⁺¹², CLK13, GFC⁺¹⁰, HFG13, SD08, SM13b]. **Trade-Off** [ZRF⁺¹², CRCR13, CLK13, HFG13, SD08]. **Trade-Offs** [IPEP12, MCM⁺¹⁷, LDV12, GFC⁺¹⁰, SM13b]. **tradeoffs** [LPB06]. **Traffic** [WRB15, YFPJ14]. **Trajectories** [ZWH⁺¹⁶]. **transaction** [SD08]. **Transactions** [BLG⁺¹⁵]. **transfer** [ZBCM09, WLH16]. **Transformation** [MFMA17, SPC⁺¹⁶, LLPM07, MBFT09]. **transformational** [WBF⁺⁰⁶]. **transformations** [AFG08, FRRJ07, FO03]. **transient** [VS08, YZA13]. **Transition** [BV15, GZ12, HPS13, SMW⁺¹⁷]. **Transition-Based** [HPS13]. **Translating** [TSCC05]. **Translation** [CYH⁺¹⁷, JKJ⁺¹⁰, Kwo16, BCDH12, CYKH13, LPC⁺⁰⁷, PJL⁺¹⁴, PCK⁺⁰⁸, Wu10, ZP08]. **Transmission** [GQC⁺¹⁷, QRB10]. **Transparency** [IPEP12]. **Transparency/Performance** [IPEP12]. **Transparent** [IFA⁺¹⁶]. **Transport** [AAPN14, CCY⁺¹³]. **Transport-layer-assisted** [CCY⁺¹³]. **Trapezium** [WGPH13]. **Traveling** [Ahm13]. **tree** [WKC07]. **Trees** [MG15]. **Triggered** [BBB16, FND⁺¹⁶, NPAG12, AAPN14]. **Trinity** [Shu15a]. **truly** [WL09]. **Trust** [RHG⁺¹⁴]. **Trusted** [DQ14, ARJ08]. **Tuning** [CSK⁺⁰², KST⁺¹², KZH⁺⁰⁶, WYJ⁺¹⁴, ZVL04]. **TV** [JMO14, KSK13]. **Two** [AR14, JB02, JB03, WL09]. **two-dimensional** [WL09]. **Two-Type** [AR14]. **Type** [AR14]. **Types** [TBDdD11]. **ubiquitous** [BDP⁺¹³]. **Ultra** [BHD15, DBH14, GJ13, JRR16]. **Ultra-Low** [JRR16]. **Ultra-low-power** [DBH14]. **UML** [KKO⁺⁰⁶]. **UML-based** [KKO⁺⁰⁶]. **Uncertainty** [AKTM16]. **Uncontrolled** [ZH12a]. **Undergraduate** [KCG⁺⁰⁵]. **Unequal** [YC12]. **Unfoldings** [SPDLK⁺¹⁷]. **Unified** [CCR⁺¹⁴, FMSS15, KKCS16, TGV12, KXL10, OMA⁺¹³, SB08]. **Uniprocessor** [MBFSV07]. **Units**

[RKK15, DBH14, RGdZS14]. **Universal** [SCRY16]. **unknown** [NDB09]. **unnecessary** [Mus03]. **Unreliable** [BHAC15]. **Update** [HZX15, TM15, YCT16, WLH16]. **upon** [Bar13a]. **UPP2SF** [PJL⁺14]. **UPPAAL** [KSS16, BGVZ11, BS13b]. **Urban** [ZWH⁺16]. **Usage** [LWZ⁺16, ZDZ14]. **Usage-Specific** [LWZ⁺16]. **use** [GNW05, WMT12]. **used** [TSWL10]. **User** [HTC⁺16, KJKM16, CLK13, LCQ⁺13, WLH16]. **User-Centric** [HTC⁺16]. **User-Perceived** [KJKM16]. **User-Profile-Driven** [WLH16]. **Using** [AR14, BHD15, BMF15, BAR13c, CL13, CRCR13, CMP17, DL12, GZZ⁺16, GGJ12, HB16, HPS13, KKK⁺11, MM16, MV16, NS17, NWA12, NDZ13, Pau14, PP12, SOL⁺16, SR12b, SLE⁺17, VF17, WRB15, WZH13, ZWH⁺16, BSKB⁺09, BAR13b, BGVZ11, BCS⁺06, CLR05, DNNP14, GGGK08, HMM04, HPLD09, KBDV08, KMB07, KM09, KASD07, KTT13, LPC⁺07, MSCJ12, MMS06, MMD04, MSH⁺14, NKP⁺12, NRL13, OMA⁺13, OOAL06, OP06, PJL⁺14, PSZ12b, SHME13, SB08, SWWY13, TSG10, UDB06, WCJ07, ZKKC05]. **Utility** [DWRR14, MWS15, GKW08, WRJL06]. **Utility-Based** [DWRR14]. **Utilization** [CCC⁺17]. **utilizing** [ACK⁺13, CTK⁺13]. **UWB** [CCC⁺14].

v11 [TEC12]. **Validation** [GDA13, KKL⁺16, MF13, MD04]. **Value** [UM13, YG02]. **valued** [VF17]. **Variability** [PSZ12a, PAP⁺12, BJM13, SGT⁺13]. **Variability-Aware** [PSZ12a]. **Variability-tolerant** [PAP⁺12]. **Variable** [MWS15, SR12a, BAR13b, KD08, KK05b, LXL13, OOAL06]. **variable-length** [BAR13b, KD08]. **Variation** [BTL⁺12, MASG15, MAG14]. **Variations** [GM12, REPL15]. **varying** [GFC⁺10]. **VCPSS'09** [FGIS12]. **VecRA** [YC16].

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week [HCK⁺08]. **weight** [SWWY13].
weight-function [SWWY13]. **Where**
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 [NKS12]. **Wide** [ZWH⁺16, ZX08]. **Window**
 [GW15]. **Wireless** [ABC⁺17, BTL⁺12,
 CNC13, DS11, FBM16, HPBL12, KKD⁺12,
 MAGR15, PP12, TSW⁺17, ZZX⁺15, ZH12b,
 ZO16, CTK⁺13, CD10, CHTC07, DLC⁺14,
 GW08, GHZH14, HBSA04, JLSK13, KS10,
 KAK05, KXL10, KDN⁺07, MVS⁺13,
 MLV09, PCM12, PS04, QRB10, RGSS04,
 SWT⁺14, YGHS08, ZWY⁺10, ZLF13].
WirelessHART [ZHM⁺14]. **Within**
 [ZGZ15]. **without** [DKAL05]. **Wits**
 [SWJ⁺13]. **Work** [LNA⁺15]. **Workbench**
 [BGRV15]. **working** [NPP13]. **Workload**
 [FS13, HHC⁺16a, PAP⁺12, RC08, WW09].
workloads [LQN⁺13]. **Worst**
 [KT14, NS16, WZ12, WEE⁺08, YZ08].
Worst-Case
 [NS16, WZ12, KT14, WEE⁺08, YZ08].
Write [HXZ⁺13, HC16, PXY⁺17, WLWS15].
Write-Activity-Aware [WLWS15].
WSANs [FC13]. **WSN** [DL12]. **WSNs**
 [BSA17, LLT⁺17].

XIP [PLKH08]. **XML** [MSH⁺14]. **XR**
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 [CMP⁺07, VJD⁺07, VDK⁺08].
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